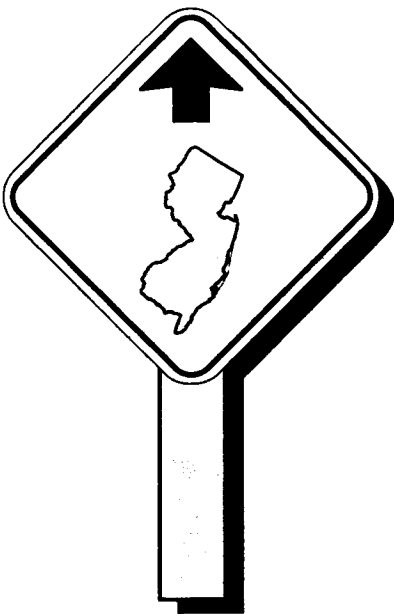


# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 1999

**Next Stop:  
Northwestern New Jersey**



**WTFDA CONVENTION TIME!**



WORLDWIDE TV-FM DX ASSOCIATION  
PO BOX 501 - SOMERSVILLE, CT 06072



OPINIONS EXPRESSED IN THIS PUBLICATION ARE THOSE OF THE INDIVIDUAL CONTRIBUTOR AND DO NOT NECESSARILY REFLECT THE VIEWS OF THE PUBLISHER OR BOARD OF DIRECTORS. WE RESERVE THE RIGHT TO EDIT MATERIAL TO MEET PUBLISHING STANDARDS, UNLESS PREVIOUSLY AGREED UPON IN WRITING. ALL MATERIAL SUBMITTED FOR PUBLICATION IN THE VHF-UHF DIGEST BECOMES THE PROPERTY OF W.T.F.D.A.

REPRODUCTION OF MATERIAL FROM THE VHF-UHF DIGEST WITHOUT PERMISSION OF W.T.F.D.A. IS PROHIBITED. INDIVIDUALS AND OTHER ORGANIZATIONS ARE GRANTED SUCH PERMISSION PROVIDING PROPER CREDIT IS GIVEN TO THE SOURCE.

**ANNUAL DUES: \$24/year: U.S. addresses**

**\$26/year\* to Canada**

**(payable in \$98/year\* for airmail service to all other U.S. funds) countries. (\*Payable in U.S. funds)**

**first class mail**



11/99  
BILL NOLLMAN  
11 HIDDEN OAK DR  
FARMINGTON CT 06032

## WORLDWIDE TV-FM DX ASSOCIATION

*Serving the VHF-UHF Enthusiast*

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

*Editor/Publisher:* Bill Thompson

*Circulation:* Mike Bugaj *Comptroller:* Dave Janowiak

*Editorial Staff:* Tom Bryant, Greg Coniglio, Victor Frank, George W. Jensen, Jeff Kruszka, Russell Miller, Fred Nordquist, Doug Smith, Thomas J. Yingling, Jr., John Zondlo

*ANARC Representative:* Jim Thomas *Back Issues:* Dave Nieman

*Original Cover Design:* Harry Hayes

### FROM THE STAFF:

**COMING SOON:** The new "WTFDA TV Station Guide" is almost ready for the printer. The original version of this extremely popular publication has been out of print for years, but at the urging of a sizeable number of club members, Doug Smith spearheaded the effort to update the maps and data. News of the release date and cost will appear in this column...VERY SOON!

**SKIP? What's skip?** It's getting to the point where you almost have to be an old-timer to remember what E-skip looks like! While that's an overstatement, it's not *too far* from the truth. As of mid-June this has generally been a very unproductive year for sporadic Es propagation. There have been a few scattered openings but no reports of anything extraordinary. However, keep in mind that the 1998 season displayed a lot of similar characteristics, and while not a banner year, offered some unusual late-season activity into mid-August. We can only hope!

**A MATTER OF DAYS:** Friday thru Sunday, July 16-18, WTFDA's annual convention will offer a weekend of food, fun and fraternity in NW New Jersey. This year's host Rick Shaftan has a reputation for putting on great get-togethers and promises much more than the usual burger and hot dog menu. **IF YOU HAVE NOT YET REGISTERED, PLEASE DO SO IMMEDIATELY.** Your cost for the entire weekend is \$25.00. There will be activities for spouses and children and they'll be welcome to eat with us. \$15 will cover expenses for your spouse and there'll be a \$10 charge for each child. You can't feed them any cheaper (for the whole weekend) anywhere else! Make your check payable to: **Mountaintop Media** and mail to Box 578, Sparta, NJ 07871. Days Inn at Ledgewood, NJ is our unofficial headquarters...for availability information call 973-347-5100. Any other last minute questions? E-mail Rick at <shaftan@ptd.net>.

### OTHER CONVENTIONS:

**NRC:** Holiday Inn, Bridgeport WV on Sept 3-6, 1999. Reservations 1-304-842-5411, \$70.95 for two double bed room, no limit on how many in a room. Convention registration - \$35. Host is William Swiger, One Casey Ln, Bridgeport WV 26330, 304-842-4635.

**ODXA:** "Radio Fest 99"... September 24-26 at the Ramada Inn & Convention Centre, Oakville, Ontario. TV and FM DXers are welcome. Contact the Ramada Inn by telephone (905)849-5950, toll free 1-800-357-0880. Events commence Friday at 7PM. Registration takes place Saturday morning.

2



## WTFDA MAILBOX

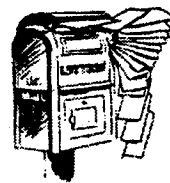
P.O. Box 501  
Somersville, CT 06072

Mike Bugaj

Ikon@netcom.com

### JULY 1999..E-SKIP WHERE ARE YOU?

The month of May, and the first portion of June were disappointing, to say the least. Dlxers in the USA as well as in Europe complained about the lack of E skip. So lets not talk about skip...lets talk about something just as important.. First, we have two new members in Jim Brown from Arlington, VA and Forrest Tabor from Denison, TX. Back in March of 1998 when I first took this over, Jim sent a two-year renewal check that never got cashed and we just got the situation fixed last month. So, Forrest and Jim, welcome in and welcome back and we are glad to have both of you here!



For renewals this month we have checks from James Montgomery, George Mileon, James Wallace, Peter George, John Griffiths, James Gill, Eric Sundius, Jim Ayers, Kermit Reid, Owen Wood, John Ebeling, Dan Oglethorpe, David Shapiro, Bob Zent, David Sinclair and Steven Ponder. Like the little mailbox graphic? I found this in a 1970 VUD, scanned it, scrubbed and cleaned it, and it's good as new.

**POPCOMM PRINTS BILL ECKBERG.** Bill Eckberg has done an article about TV Dxing for Popular Communications. The article was originally scheduled for the June issue, but so far has not appeared in either the June or July *PopComms*. Bill is a TV dxer with over 44 years of DXing experience. He knows his stuff. Supposedly, some photos Bill supplied will be included in this article, so I would recomend that everyone check out their favorite bookstore for this article on TV DXing by one of our senior members.

**WEATHERPROOFING ANTENNA CONNECTIONS.** Dr. Bill Mitchell is an anesthesiologist who doesn't put me to sleep. Recently he asked the following: "A thought for a future issue of the VUD: effective weatherproofing of antenna connections. Having wet extremes of weather here in Columbus, OH, few measures seem to last more than a year before corrosion creeps into the lead-in/antenna terminal interface. Krylon acrylic spray seems to be about the best although not 100% of the time." Well, knowing full well that you can find an answer to just about anything on the internet, I posed this question to the amfmdvx list and here are the answers I got. From Karl Zuk: "I use good old RTV silicon. Use clear only. Never fails." From another DXer: "I use coax seal...it is a tape like tar material that works great even in our weather which goes from -40 to 100 degrees F." And from Alan Dunn: "Coax Seal from Radio Shack. It is a flexible putty. Works well and costs little." Now that they mention Coax Seal, I remember working with a friend's antenna a few years ago and taking that stuff off his antenna terminals. It is neat stuff for sure. Hope this helps you Bill.

**MORE GREAT FREE STUFF!** OK, satellite television addicts, this is for you! Bob Cooper sent us two copies of *Satfacts Monthly*, his Pacific/Asia satellite magazine, as well as one copy of *Coop's Technology Digest*, a report on the world of satellite communications. The first three people who want one get one. Specify what you want. First come, first serve. These are absolutely great and if I could afford to subscribe to them, I would. Here is just a sample from *Technology Digest*: "First digital TV sets going into US consumer homes are not without fault. Mitsubishi switchable 4:3/ 16:9 sets are reported to have major fringing (edges accentuated) after being used for several hours. Sony 34" digital sets apparently shut down totally when told to switch from digital to analogue or the return, must be powered down and restarted. Midwestern USA retailer told trade press "It's been very bumpy for everybody and there have been problems across the board. But, manufacturers are addressing them." Other problems - retailers demonstrating DTV sets have found they must (as in MUST!) install quality rooftop aerials to get clean enough signal for DTV sets to perform. One retailer who had done this told trade press, "there has been

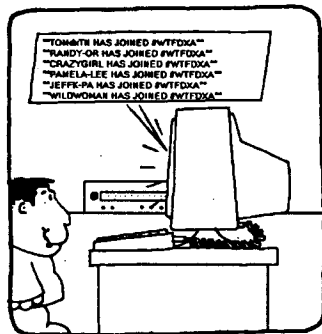
3

a great deal of aerial, transmission line, signal splitter tweaking to make it work. And even then it does not always work as it should." Equal or greater problems - consumers purchasing DTV sets are very unlikely to haul them home and make them work. "We are finding that we must almost *insist* they agree to retrofit their existing rooftop aerial if they want DTV reception to be as good as it can be under the correct circumstances." "Hmm, does this signal a return of TV antennas to Wal-Mart and K-Mart?"

**THERE'S NO LOAD LIKE OVERLOAD.** Last month, in this very spot, we listed some equipment Bill Nollman had for sale. Steve Solomon adds a few details: "I don't know if you are aware of the whole story behind Bill Nollman's search for the perfect tuner for his house. I brought my T-85 to his house and we matched it up against I believe four or five of his tuners, including the Yamaha T-900U (a fantastic unit), the Carver TX-11A (Bill's original), the Onkyo T-9090, and I don't remember the other one. Anyway, while they were all great with sensitivity, my T-85 outperformed all the others with overload rejection! So Bill went out and found one on the internet. He modified the five IF filters and is having great success." For those people plagued by strong locals and lots of overload, the Yamaha T-85 seems to be the solution to the problem. It's a tough looking tuner. However, it has the most bizarre signal meter I have ever seen, and if you can get past the signal meter, you'll like the T-85.

**BOSS RADIO.** In correspondence with Alan Dunn, somehow the call letters WBOS came up, which prompted Alan to relate this amazing tale: "Thirty years ago I used to hang around with one of the transmitter engineers at WBOS. In fact, I would substitute for him occasionally so he could attend night school. Back then (maybe now) a station would have to have its frequency measurements correlated with some very accurate standard. Cambridge Thermionic in Cambridge, MA across the river from Boston is one company that did this. One night they called the WBOS transmitter and asked if WBOS would be dropping carrier after the 2am signoff. WBOS said yes, but wondered why Cambridge Thermionic would need to know this. They apparently had the contract to monitor the frequency of the Wilkes-Barre station (from Cambridge, no less). They stated they could not hear audio, but could get enough signal to do the frequency measurement. And they did this every month. As a Dxer, that blew my mind." I think we need to bring in Mulder and Scully for this one. You know, I can hear WMGS sometimes, but not daily. And we get these deadband conditions here in the winter when I can't even hear New York City. So how did Cambridge Thermionics do it? Hmmm?

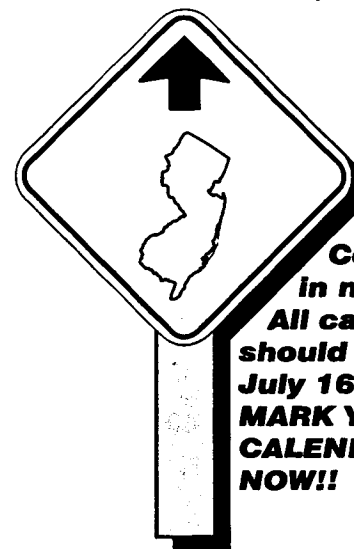
**RDS IN THE USA.** Here is part of a post that appeared on amfntvdx from a Dxer living in Florida, originally from the St. Louis area. If you wondered if US stations used RDS, read on: "Out of 24 strong semi-local stations I get on my Grundig Satellit 700 portable, which has RDS, only 5 of them are received using RDS. Of these, WOMX-105.1 Orlando indicates "MIX 105.1" instead of its call, WTBT-103.5 Bradenton-Tampa still indicates its former call WDUV, which is now WDDV-92.1 Venice-Bradenton "The Dove"...WFLZ Tampa indicates "93.3 FLZ...WJRR-101.1 Cocoa Beach and WAOA-107.1 Melbourne both indicate their calls, the latter has voice uID as "A1A". When living in the St. Louis area the number of RDS'ers was either 5 or 6, among about two dozen strong locals there, with one, KXOK-97.1 indicating their non-ID "MIX 97.1" instead of their call. If only more stations would start using RDS, use it for call ID and better yet use it to indicate title and artist of songs being played as this develops, radio may turn out to be more fun in the future."



Lester's family could not understand his total obsession with the #WTFDXA IRC channel.

**AUSTRALIAN DIGITAL NEWS.** Found a post on the FM/TV/DX Weblis by Robert Copeman that says HSV 7 in Melbourne is using ch6 for digital tests, TCN 9 in Sydney is planning on using ch8 for digital tests from June 14 of this year until late August. Most major capitol cities will switch from ch2 to ch12 DTV, ch7 to ch6 DTV, ch9 to ch8 DTV and ch10 to Ch11 DTV.. He also says: "The digital signal appears as a darker form of white noise and completely blocks other possible analog DX signals on that frequency." And where have we heard that before? Right here! See you all next month! -Mike

## Next Stop: Northwestern New Jersey



**The 1999 WTFDA  
Convention will be held  
in northwest New Jersey.  
All calendars in your home  
should be highlighted for  
July 16-18, 1999.  
MARK YOUR  
CALENDARS  
NOW!!**



**WHERE  
to sleep**

**The recommended lodging facility is:  
Days Inn/Ledgewood, 1691 Route 46 West, Ledgewood, NJ 07852  
Tel. 973-448-1100  
You can also book lodging by credit card at any of the major  
reservations secure websites.**



**HOW MUCH  
does it cost??**

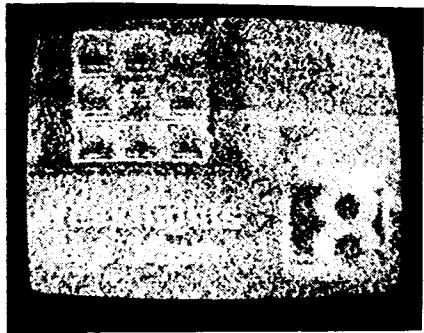
**Lodging at the Days Inn/Ledgewood begins at \$69.00 plus tax.  
This is NOT a special club discount.  
Convention registration is \$25.00. This includes food, beer, soda,  
soda, more soda (and more food).  
All convention registration payments MUST be made to  
Mountaintop Media.**



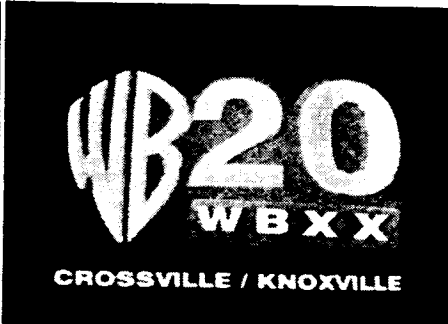
**WHO TO  
talk to**

**TO PRE-REGISTER:  
E-mail Rick Shaftan at shaftan@ptd.net, or, if you don't have e-mail  
access, his mailing address is: Box 578 Sparta NJ 07871  
You can also contact Rick at either address for further information.  
REMEMBER, when making payments for the convention, be sure  
checks and money orders are paid to Mountaintop Media.**

Some excellent tropo was logged by Danny Oglethorpe, Shreveport, LA, last fall. Take a look!



WKBT-8 La Crosse, WI  
801 mi Tr seen 10/10/98  
@0450 CT  
"what a catch!" -JTK



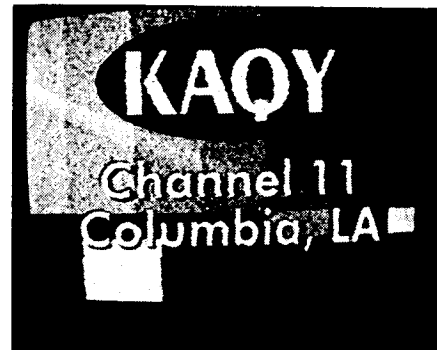
WBXX-20 Crossville, TN  
557 mi Tr seen 11/15/98  
@2300 CT



WVTO-35 La Salle, IL  
669 mi Tr seen 11/16/98  
@0200 CT

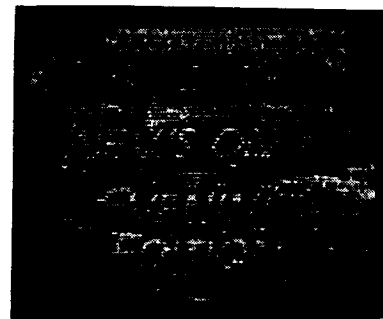


WTCT-27 Marion, IL  
459 mi Tr seen 11/16/98  
@0900 CT

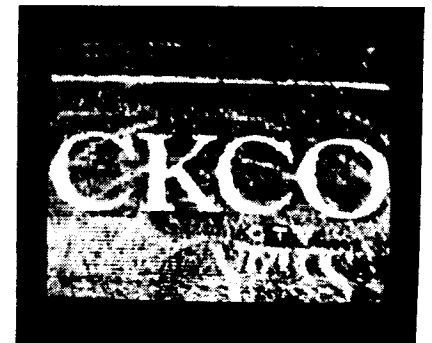


KAQY-11 Columbia, LA  
101 mi Tr seen 10/98

And finally we wrap up Danny's photos with a look at last summer's E-skip catches:



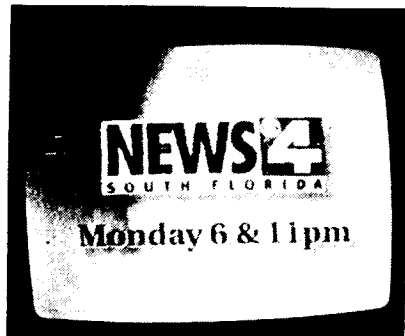
CHRO-5 Pembroke, ON  
1287 mi Es seen 6/1/98  
@ 1700 CT  
"6 PM nrcast"



CKCO-2 Warton, ON  
1103 mi Es seen 8/6/98  
@ 1335 CT  
"CKCO/CTV nx promo"



More 4's for the 4th!!



WFOR-4 Miami, FL  
939 mi Es seen 7/31/98  
@1350 CT



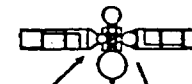
WCIV-4 Charleston, SC  
805 mi Es seen 8/6/98  
@1000 CT  
"CCI from WFOR-4"



KXJB-4 Valley City, ND  
1028 mi Es seen 8/4/98  
@1029 CT

KCNC-4 Denver, CO  
806 mi Es seen 8/3/98  
@1815 CT

73's. *JFB*  
8



SATELLITE NEWS

GEORGE W JENSEN  
4604 ANNATANA AVE  
BALTIMORE MD 21206-4220

Sometimes the more things change, the MORE they change. The Galaxy 1 and Satcom 4 digital line-ups that changed recently - changed again almost as soon as the postmark was put on my last column. Here comes another list of changes.

- Satcom C1 -
- 9 - now only Fox Sports Midwest VC2
- 10 - Satellite Sports Network Extra 2 VC2 - now here
- 15 - delete Sports Channel Florida
- GALAXY 1
- 112 - HBO Comedy East 114 - HBO Comedy West
- 115 - HBO Zone East 117 - HBO Zone west
- 150 - Starz East 151 - Starz West 152 - Starz 2 East
- 153 - Starz 2 West 154 - BET Movies east 156 - Starz Family East 158 - Starz Cinema East 159 - Starz Cinema West 165 - Encore east 166 - Encore West 167 - Westerns East 168 - Westerns West 169 - Love Stories east
- 170 - Love Stories West 171 - Mysteries east 172 - Mysteries West 173 - Action East 174 - Action - West
- 175 - True Stories East 176 - True Stories West
- 177 - WAM East

SATMEX 5 -  
all digital services on Solidaridad 1 have now moved to this bird - 750 through 759 - only ID tent is music videos on 751 765 through 776 - 766 - Mexican Senate noted - 770 - V TV(Ventas for TV)? 774 - Color bars 780 through 793 remains the educational services

TELSTAR 5  
11 - delete Exxtasy  
14 - delete True Blue  
TELSTAR 7  
LOTS of CBS feeds appearing on this bird and others seem to be disappearing from Galaxy 6.

GALAXY 7  
10 - Shop-At-Home  
22 - delete CBS News Channel  
GALAXY 7 KU - using the generic designator KF the following changes are noted -  
181 - Discovery Home 200 - Americas Voice 223 - ZDTV  
226 - The Weather Channel Weather Scan 242 - Golf Channel  
246 - Game Show Channel 253 - TV Land 308 - Toon Disney  
404 - Spice 2 412 - BET On Jazz 413 - Sundance Channel  
West delete 414 up to 440453 - ESPN Classics 483 - Much Music  
TELSTAR 402  
4 - delete Shop-At-Home 5 - True Blue VC2  
17 Exxtasy VC2

PANAMSAT 5  
some digital channels on this bird - Warner Channel and Sony Entertainment Channel are in Portuguese  
Sympathies to Mexican readers on the untimely death of Paco Stanley - one of the founders of TV Azteca and a great entertainer.  
That's all for this time - see you in 30

*George*



# FM NEWS

JULY 1999

EDITOR: GREG CONIGLIO  
90 SLATE CREEK DRIVE APT. #3  
CHEEKTOWAGA, NEW YORK 14227  
E-MAIL: coniglio@localnet.com  
WEB: http://www.geocities.com/~wgrc

Most of the information appearing in this column is courtesy of:  
M STREET JOURNAL - 54 MUSIC SQUARE EAST SUITE 201 - NASHVILLE, TENN. 37203  
PHONE: (609) 883-3321, FAX: (609) 883-5696, E-MAIL: MstreetTom@aol.com

**KEY TO ABBREVIATIONS:**  
&: satellite programming  
AF: New frequency allocation accepted for filing for a new FM license  
AFA: American Family Association  
CC: call letter change  
CL: city of license change  
CX: a construction permit has been canceled  
C1, C2, etc.: a change in status to that FM license class  
DA: directional antenna  
DE: station has been deleted  
FC: format change  
GA: granted amendment to the table of FM allocations  
GE: granted extension of construction permit

GX: granted replacement of expired permit  
LC: license to cover filed (means station is ready to come on air)  
MC: multiple-city legal ID  
NC: no change yet on a reported change/permit  
ND: non-directional antenna  
NO: not on the air  
NS: new station granted  
NW: new station signs on  
OSA: one-step application granted for change  
PA: proposed amendment to change FM table of allocation  
PC: power change on the air for increase, "<" for decrease, when known)

PG: power change granted (> for increase, "<" for decrease, when known)  
QC: frequency change occurred  
QG: frequency change granted  
RA: silent station returns to air  
RE: station requests extension on permit  
RX: station requests replacement of expired permit  
SG: slogan change or update  
SI: station is silent  
XA: dismissed amendment to FM allocations  
XC: transmitter site change occurred  
XG: transmitter site change granted



## UNITED STATES

### ALABAMA:

Dothan: WESP 102.5 PG> 16.5 kW, 403 ft, XG: 31-15-48 / 85-18-24  
E. Brewton: WGCX 95.7 GA: to Navarre, FL, class C3  
Eutaw: WQZZ 104.3 FC to R&B oldies

### ALASKA:

Anchorage: KASH 107.5 adds Nashville Nights  
Anchorage: KYMG 98.9 adds Delilah  
Houston: KADX 94.7 NW, sports // KAXX  
Juneau: KAKZ 102.7 inc. to -417 ft, XG: 58-17-09 / 134-25-40  
Kasilof: KWJG 91.5 NW, oldies & variety  
King Cove: \*NS 88.1 100w(v), -554 ft, DA  
Valdez: KVAK 93.3 NW, hot AC and classic rock (&)

### ARIZONA:

Casa Grande: KLVA 105.5 XG: 33-00-14 / 111-58-53  
Congress: \*\*\* 96.3 PA: add class A  
Douglas: KEAL 95.3 FC to WW1 adult rock (&)  
Flagstaff: KNAU 88.7 inc. to 1447 ft, XG: 34-58-07 / 111-30-24  
Flagstaff: \*\*\* 103.7 PA: add class C2  
Florence: KCDX 103.1 PG< 2.7 kW, 3057 ft, ND, XG: 33-17-55 / 110-50-28  
Mountaineer: \*\*\* 106.5 PA: add class A  
Oracle: KGMG 106.3 CC (ex KIXD) "Mega"  
Sedona: KQST 102.9 FC to CHR "Q 102.9"  
Winona: \*\*\* 96.3 PA: add class C3

### ARKANSAS:

Atkins: KRRD 99.3 NW, classic rock (Sept.)  
Fordyce: KQEW 102.3 OSA to C3, 25 kW, 328 ft, DA, XG: 33-57-49 / 92-29-09  
Harrisburg: KKEY 95.9 NW, oldies  
Monticello: KHBM 93.5 PA: to 93.7 - C2  
Mountain Home: KKTZ 107.5 PG< 90 kW, 1017 ft, XG: 36-29-13 / 92-29-39

### CALIFORNIA:

Atwater: KJMQ 92.5 CC (ex KVRQ) "Jammin"  
Auburn: KHYL 101.1 FC to rhythmic oldies  
Beaumont: KAEH 100.9 PG> 1.5 kW, 478 ft, XG: 33-54-29 / 116-59-45  
Bishop: \*NS 88.5 900w, 2916 ft, DA  
Carmel Valley: \*\*\* 105.9 PA: add class A  
Cloverdale: \*\*\* 102.7 PA: add class A  
Concord: KVHS 90.5 XG: 38-01-49 / 122-00-03  
Davis: KHZZ 104.3 PC> 6kW, 328 ft.  
Easton: \*\*\* 107.9 PA: add class A

## FM NEWS PAGE 2

### California:

E. Porterville: KMQA 100.5 CC (ex KOJJ) "La Maquina Musical"  
Hamilton City: \*\*\* 101.7 PA: add class A  
Hanford: KGEN 94.5 inc. to 446 ft.  
Herkong: \*\*\* 104.1 PA: add class C2  
Inglewood: KACE 103.9 PC> 4.1 kW  
Lenwood: KIXW 107.3 PG< 1 kW, 781 ft, XG: 34-58-15 / 117-02-22  
Lost Hills: \*\*\* 105.7 PA: add class A  
Maricopa: \*\*\* 94.9 PA: add class A  
Merced: KABX 97.5 PG< 8 kW, 1161 ft, XG: 37-26-44 / 120-08-37  
Mettler: \*\*\* 98.9 PA: add class A  
Modesto: KJSN 102.3 dec. to 289 ft, XG: 37-40-50 / 120-55-26  
Point Reyes Stn: KWMM 90.5 LC  
San Fran: KEAR 106.9 dec. to 1000 ft, XG: 37-51-04 / 122-29-50  
Santa Margarita: KKAL 106.1 FC to Real Country (&) (San Luis Obispo)  
Summit City: \*\*\* 92.1 PA: add class A

103.9 & 98.3 FM  
**KACE**  
SOUTHERN CALIFORNIA'S  
BEST R&B OLDIES

### COLORADO:

Del Norte: \*\*\* 96.3 PA: add class A  
Delta: KKNN 95.1 FC to rock "95 Rock"  
Dinosaur: \*\*\* 97.3 PA: add class C1  
Dove Creek: \*\*\* 102.5 PA: add class C3  
Durango: KIQX 101.3 OSA to 30 kW, 2014 ft, XG: 37-21-46 / 107-47-37  
Durango: KRSJ 100.5 OSA to class C, 30 kW, 1965 ft, XG: 37-21-46 / 107-47-37  
Florence: K216EF 91.1 NS-14w: KCME 88.7  
Greeley: KVOD 92.5 FC to rhythmic oldies (Denver)  
Poncha Sps: \*\*\* 97.5 PA: add class A  
Pueblo West: KYZX 103.9 QC from 104.5, PC< 1750w, 2158 ft, XC: 38-44-40 / 104-51-41, CL change from Pueblo  
Rangely: \*\*\* 103.7 PA: add class C1  
Silverton: KBNG 103.7 CC (NS)  
Starkville: \*NS 91.1 AF  
Telluride: KRYD 104.9 OSA to C1, 25.5 kW, 1643 ft, XG: 37-59-57 / 107-57-42  
Vail: KSKE 104.7 dec to 335 ft.

### CONNECTICUT:

Storrs: WHUS 91.7 dec. to 1028w(h), 4.4 kW (v), 492 ft, DA

### FLORIDA:

Century: WPFL 105.1 RA with oldies (&)  
Cross City: \*\*\* 97.7 XA: add class A  
Dade City: WMGG 96.1 CC (ex WBDN) "La Mega"  
Havana: WHTF 104.9 FC to CHR "Hot 104.9", CC (ex WFLV) (Tallahassee)  
Kissimmee: WWKQ 89.1 XG: 28-10-27 / 81-17-01  
Melbourne: WCIF 106.3 PC> 12.5 kW, 446 ft.

### Florida:

Monticello: WVHT 105.7 CC (ex WTAL-FM), FC to urban "Hot 105.7" (Tallahassee) "Very Hot"  
Sarasota: WCTQ 106.5 PC> 13 kW, 584 ft, DA, C2, XC: 27-32-42 / 82-34-27  
Tallahassee: WWLD 106.1 XG: 30-23-09 / 84-16-34  
Tavernier: WKEZ 96.9 CC (ex WIFL) "Keys"  
White City: WFLM 104.7 PC< 17.5 kW, 390 ft, XC: 27-26-08 / 80-22-40

### GEORGIA:

Helen: WTFH 89.9 CC (NS)  
Macon: WBKG 88.9 2.2 kW, 239 ft. (AFA), CC (NS)  
Metter: WBMZ 103.7 FC to classic hits  
Savannah: WLXP 88.1 NW, contemp. Christian  
The Rock: \*NS 88.9 5 kW, 764 ft.  
Toccoa: WSTE 106.1 PC< 98 kW, 1132', C1

### HAWAII:

Captain Cook: \*\*\* 93.1 PA: add class C1  
Hanamaulu: \*\*\* 101.1 PA: add class C1  
Hanapepe: \*\*\* 94.3 PA: add class C1  
Holualoa: \*\*\* 92.1 PA: add class C2  
Honokaa: \*\*\* 102.9 PA: add class C2  
Honolulu: KORL 99.5 FC to soft AC & Hawaiian  
Honolulu: KAIM 95.5 dec. to 1853 ft, DA  
Kihei: \*\*\* 107.5 PA: add class C2  
Kurtistown: \*\*\* 102.1 PA: add class A  
Nanakuli: \*\*\* 106.9 PA: add class A  
Wahiawa: \*\*\* 103.7 PA: add class A

### IDAHO:

Blackfoot: KCVI 101.5 FC to modern rock "K-Bear"  
Bruneau: \*\*\* 102.5 PA: add class C1  
Grand View: \*\*\* 93.5 PA: add class A  
Hazelton: \*\*\* 94.3 PA: add class C3  
Homedale: KBNH 106.3 CC (NS)  
Kimberly: \*\*\* 106.1 PA: add class C3  
Kootenai: \*\*\* 106.7 PA: add class A  
Kuna: \*\*\* 97.3 PA: add class C  
Melba: \*\*\* 99.9 PA: add class C2  
Payette: KQXR 100.3 drops Mark & Brian  
Shelley: KBJX 107.9 QG to 106.3 - C1, dec. to 636 ft., XG: 43-32-35 / 111-53-07

### ILLINOIS:

Athens: \*NS 88.1 AF  
Bethalto: WFUN 95.5 OSA to C3, 24.5 kW, 335 ft, XG: 38-48-38 / 9-17-38  
Canton: WBYS 107.9 FC to Jones soft AC "Lite" (&), PG> 25 kW, 269 ft, XG: 40-32-41 / 90-01-16  
Centralia: WRXX 95.3 FC to classic hits  
Gridley: \*NS 90.3 AF  
Kankakee: WAWF 88.3 PG> 1,250w, 285 ft, XG: 41-04-39 / 87-45-22  
Loves Park: WGSL 91.1 PG> 7 kW, 528 ft, DA, XG: 42-19-20 / 89-00-41

91.7  
88.7  
FM **Knau**  
Northern Arizona Public Radio

FUN RADIO  
95.5 FM

**Illinois:**

Marseilles: WKOT 96.5 PG< 2.5 kW, XG: 41-18-33 / 88-48-45  
 Mt. Olive: WAOX 105.3 CC (ex WSTN)  
 Mt. Sterling: WLRT 106.7 FC to oldies "Golden 106.7"  
 Petersburg: \*NS 88.1 AF  
 Pingree Grove: \*NS 88.5 AF  
 Spring Valley: \*NS 88.1 AF

**INDIANA:**

Goshen: WZOW 97.7 adds ABC clas. rock (&)  
 Greencastle: \*NS 90.5 AF  
 Jeffersonville: WQMF 95.7 XG: 38-06-16 / 85-56-06  
 Ladoga: \*NS 89.1 AF  
 Roanoke: WYSR 94.1 FC to rhythmic oldies (&)  
 Rochester: \*NS 88.5 AF

**IOWA:**

Alta: KBVU 97.5 NW, modern / top 40 "The Edge"  
 Belle Plaine: KZAT 95.5 adds ABC oldies at night (&)

Ft. Madison: KBKB 101.7 FC to country "The Bull"  
 Ida Grove: KIDA 92.9 PC> 25 kW, 328 ft, XG: 42-29-23 / 95-17-40

Keokuk: KRNO 96.3 NW, smooth jazz (a new format is expected soon)

Moville: \*\*\* 97.1 PA: add class A  
 Rockford: \*\*\* 92.9 PA: add class A

**KANSAS:**

Coffeyville: KUSN 98.9 PG< 3.2 kW, 453 ft.  
 Dearing: \*NS 98.1 OSA to 9.7 kW, C3, 495'  
 Hays: \*NS 91.7 AF  
 Humboldt: KINZ 94.3 SG "Z 94.3"

**KENTUCKY:**

Benton: WCBL 99.1 XG: 36-51-31 / 88-20-11  
 Bowling Green: WDNS 93.3 SG "D93" classic rock  
 Campton: WCBJ 103.7 NW, classic rock  
 Eminence: WXLM 105.7 FC to bluegrass // WKXF  
 Glasgow: WOVO 105.3 FC to classic hits  
 Jefferson: WMJM 101.3 FC to rhythmic oldies  
 Morehead: WMOR 106.1 FC to hot AC  
 Radcliff: WASE 103.5 PC 7 kW, 541 ft, ND, XG: 36-48-57 / 85-46-49

Shepherdsville: WXLN 105.1 FC to cont. Christian  
 Wickliffe: WGKY 95.9 XG: 36-56-17 / 88-58-01

**LOUISIANA:**

Amelia: \*\*\* 97.7 PA: add class C3  
 Arcadia: \*\*\* 94.1 PA: add class C3 (replaces 92.5 - A)  
 Bastrop: \*\*\* 93.9 PA: add class A (from C3)  
 Bastrop: KTRY 94.3 PA: to 93.9 - A  
 Buras: \*\*\* 103.7 PA: add class C2  
 Golden Meadow: \*\*\* 105.7 PA: add class C2  
 Lake Arthur: KRAW 107.5 adds Neon Nights  
 Leesville: KJAE 92.7 GA: to 93.5 - C3  
 New Orleans: WWNO 89.9 PG> 85 kW (v), 748 ft, DA, XG: 29-55-11 / 90-01-29

**Louisiana:**

Rayville: KTJC 92.3 FC to WW1 oldies (&), OSA to C3, 11.5 kW (cir), 485 ft, XC: 32-29-01 / 91-54-10  
 Reserve: WADU 94.9 FC to country // WYLA 94.7 "Lake Country" (New Orleans)  
 Ruston: KNBB 99.3 NW, Radio One a/c (&) "B 99.3" (Monroe)



**MAINE:**

Madison: WIGY 97.5 FC to sports // WSKW-AM  
 Sanford: WPHX 92.1 CC (ex WCDQ), FC to modern rock (Portsmouth, NH) (WPHX will start simulcasting WFNX 101.7 Lynn, MA)

**MARYLAND:**

Bethesda: WMMJ 102.3 XC: 38-56-10 / 77-05-33, ND

**MASSACHUSETTS:**

N. Adams: WMMB 100.1 PC> 1.3 kW  
 Winchendon: \*NS 91.1 AF  
 Worcester: WBPR 91.9 PC< 870w, 285 ft, DA, XG: 42-15-15 / 71-57-36

**MICHIGAN:**

Ann Arbor: WUOM 91.7 XG: 42-24-27 / 83-54-50  
 Baldwin: W201CF 88.1 NS-13w: KAWZ-ID  
 Bear Lake: WSRQ 100.1 CC (ex WZTU), RA with CHR "Star-FM" (Northwest Lower Michigan)  
 Benton Hbr: WHFB 99.9 dec. to 407 ft.  
 Beulah: WBVE 92.1 RA, CHR // WSRQ 100.1  
 Detroit: WXDG 105.1 PG< 13.5 kW, 955 ft.  
 Gaylord: \*NS 88.1 3 kW (v), 128 ft.  
 Gulliver: WCMW 94.7 PA: to 102.5 - C1  
 Vassar: WOWE 98.9 FC to rhythmic oldies  
 Whitehall: WEFM 97.5 FC to WW1 rhythmic oldies (&)

**MINNESOTA:**

Babbitt: KAOD 106.7 NW, modern AC "Kiss" // WWWAX  
 Bemidji: KBHP 101.1 inc. to 522 ft.  
 Bemidji: KKZY 95.5 NW, a/c  
 Brainerd: \*NS 88.3 Minn. Public Radio  
 Crosby: KTCF 101.5 XC: 46-33-52 / 93-57-03  
 Grand Marais: \*NS 89.7 Minn. Public Radio  
 Grand Marais: WXXZ 95.3 NW, modern AC "Kiss" // WWWAX  
 Int'l Falls: \*NS 91.9 1.5 kW, 128 ft. (Mn Christian Broadcasters)  
 Monticello: \*NS 89.5 AF  
 Moose Lake: KBFH 107.1 OSA to PG< 100 w, class A, -52 ft.  
 Park Rapids: KDKK 97.5 SG "Music Of Your Life" and "Star Station" and "K-D-Double K"

**MISSISSIPPI:**

Heidelberg: WEEZ 99.3 FC to oldies (&) // WHER  
 McLain: WXAB 96.9 NW, oldies (July)  
 North Tunica: \*\*\* 98.7 PA: add class A  
 Ocean Springs: WQYZ 92.5 inc. to 321 ft., DA, XG: 30-27-09 / 88-51-21

**Mississippi:**

Olive Branch: WOTO 95.7 CC (ex WRXQ) "Only The Oldies" (Memphis)  
 Oxford: WOXD 95.5 PC> 6 kW  
 Ripley: WKZU 102.3 PC> 6 kW, 285 ft.  
 Tunica: WMPS 96.1 FC to modern AC (Memphis)  
 Vicksburg: WBBV 101.3 QC from 101.1, adds Neon Nights

**MISSOURI:**

Cameron: KNOZ 100.1 SG "The Lake"  
 Caruthersville: KLOW 105.1 PC> 4.8 kW, 328 ft.  
 Festus: KTBJ 89.3 PG>1150w, DA, XG: 38-13-56 / 90-23-51  
 Miner: KBHI 107.1 XG: 36-56-33 / 89-41-47  
 Southwest City: KWMQ 100.3 FC to soft AC (&)  
 Wheeling: KULH 105.9 NW, classic rock (&)

**MONTANA:**

Billings: \*NS 88.1 AF  
 Conrad: KEIN 93.7 FC to WW1 hot country (&)  
 Deer Lodge: KQRV 96.5 GA: to 96.9 - C1  
 Hamilton: KBMG 95.9 GA: to 96.3 - C



Hamilton: \*NS 90.3 AF  
 Helena: KUHM 91.7 NW, info/variety // KUFM  
 Lewistown: \*NS 91.1 AF  
 Shelby: KZIN 96.3 GA: to 96.7 - C1

**NEBRASKA:**

Nebraska City: KESY 97.7 FC to dance-CHR "Channel 9-7-7" (Omaha)  
 Ravenna: \*\*\* 103.1 PA: add class C2

**NEVADA:**

Pioche: KBZB 98.9 CC (ex KAXA)

**NEW HAMPSHIRE:**

Gorham: WXLQ 107.1 FC to WW1 a/c (&)

**NEW JERSEY:**

Asbury Park: WYGG 88.1 XG: 40-13-01 / 74-00-35  
 Cape May CH: \*NS 88.1 AF  
 Egg Harbor City: WEMG 104.9 CC (ex WRDR) "Mega" (Atlantic City), FC to Spanish dance  
 Ocean City: WTKU 98.3 adds Rhythmic oldies from 6 - 9 pm (Atlantic City)  
 Woodbine: WJPH 88.9 NW, MGS cont. Christian (&)

**NEW MEXICO:**

Cloudcroft: \*NS 88.9 100w, 1187 ft.  
 Farmington: \*NS 89.7 AF, KUTE, Inc.  
 Red River: KRDR 90.1 PG> 10 kW (v), 95 ft, C3, XG: 36-41-03 / 105-22-22  
 Tularosa: \*\*\* 102.7 PA: add class C3  
 White Rock: KSFQ 101.1 FC to classic hits, PC> 6 kW, 1850 ft, C3, XC: 35-53-09 / 106-23-16



**NEW YORK:**

Aldamont: WZMR 104.9 CC (ex WAAP) "Z 104.9"  
 Canton: WRCD 101.5 CC (ex WXQZ), FC to classic rock (&) (Ogdensburg)  
 Coming: WCBA 98.7 PC< 1.2 kW, 722', DA  
 Fenner: WXXE 90.5 PG 49w, 413 ft, XG: 42-58-12 / 75-47-07  
 Gouverneur: WGIX 95.3 still oldies no longer // WSLB-AM  
 Jewett: WRIP 97.9 NW, soft AC (in July)  
 Kingston: WBPM 94.3 FC to rhythmic oldies  
 Lake Placid: W208AR 89.5 NS-10w: WJIS-FL  
 Olean: WMXO 101.5 XG: 42-06-18 / 78-23-25  
 Oneonta: WZOZ 103.1 FC to classic hits  
 Phoenix: WRDS 102.1 XG: 43-06-04 / 76-16-58, inc. to 266 ft.  
 Ravena: WABY 94.5 FC to ABC "45+" a/c (&)  
 Willsboro: WXPS 96.7 PC< 1 kW, 797 ft, XC: 44-24-12 / 73-26-02, CL change from Vergennes, VT

**NORTH CAROLINA:**

Asheboro: WTJY 89.5 NW, southern gospel // WXRI  
 Boiling Springs: WGWG 88.3 FC to A/C, cont. Christian and jazz  
 Calabash: WYNA 104.9 inc. to 338 ft.  
 Columbia: WERX 102.5 PC> 64 kW, CL from Edenton, NC  
 Edenton: WBXB 100.1 inc. to 492 ft, ND, XG: 36-18-18 / 75-52-56  
 Greensboro: WQMG 97.1 XG: 35-56-42 / 79-51-45, decrease to 1230 ft.  
 Rocky Mount: WRQM 90.9 FC to info & classical // WUNC 91.5  
 Wilmington: WRQR 104.5 PG< 3.1 kW, 449 ft, XG: 34-10-00 / 77-56-40  
 Wilmington: WDVV 89.7 CC (ex WBID), NW, religion, to sign on in August, "The Dove"

**NORTH DAKOTA:**

Lincoln: \*NS 88.5 AF

**OHIO:**

Crestline: WYXZ 98.7 FC to WW1 adult rock (&)  
 Fairfield: WMOJ 94.9 CC (ex WVAE), "Mojo 94.9"  
 Lorain: WZLE 104.9 FC to CHR "Kiss 104.9"  
 Rushville: WLRY 88.5 NW, cont. Christian  
 South Webster: WZIO 94.9 FC to rhythmic oldies (&)

**OKLAHOMA:**

Colony: \*\*\* 105.1 PA: add class A  
 Frederick: KYBE 95.9 PC> 6 kW, 249 ft.  
 Perry: KOSB 105.1 FC to classic hits

**OREGON:**

Baker: \*NS 90.7 AF (AFA)  
 Coos Bay: \*NS 91.3 AF  
 Portland: KXJM 95.5 CC (ex KXL) "Jammin"  
 Reedsport: KRBZ 99.5 FC to WW1 a/c (&)





**PENNSYLVANIA:**

Philadelphia: WXXM 95.7 FC to rhythmic oldies "Jammin"  
 Pittsburgh: WJZZ 104.7 FC to rhythmic oldies  
 Wilkes-Barre: WMG5 92.9 XC: 41-10-56 / 75-52-23

**SOUTH CAROLINA:**

Batesburg: WZMJ 93.1 CC (ex WKWQ), FC to urban AC in June (Columbia)  
 Beaufort: WYKZ 98.7 XC: 32-19-43 / 80-56-17, increase to 715 ft.  
 Chesterfield: \*NS 89.3 AF  
 Marion: WFSF 100.5 CC (ex WBZF) "Star"  
 Orangeburg: WXHT 103.9 CC (ex WKSO), FC to urban, adding Doug Banks  
 Paris Is: WGZO 103.1 FC to CHR "Z 103.1"  
 Summerville: W220CM 91.9 NS-38w, DA: WLFJ-SC

**TENNESSEE:**

Baxter: WBXE 93.7 FC to adult rock (&)  
 Bethel Sps: \*\*\* 97.7 PA: add class A  
 Dickson: WNRZ 91.5 no longer // WNZZ Nashville, still religious AC "Spirit FM"  
 Henry: WMUF 104.7 NW, country (&)  
 Livingston: WUSV 95.9 CC (ex WCSD) "US 96"  
 Paris: WLZK 94.1 CC (ex WMUF), FC to a/c (&)

**TEXAS:**

Alice: \*NS 88.1 AF  
 Azle: KZMP 101.7 CC (ex KIKM), RA with reg. Mexican // AM (Dallas), "Z-Spanish"  
 Camp Wood: KAYG 99.1 PA: to 98.1 - C3  
 Center: KDET 102.3 QG to 100.5, PG < 2050w, 567 ft, XG: 31-43-34 / 94-15-27  
 Centerville: KAJG 105.9 LC  
 Daingerfield: KCLK 106.9 PG > 8.2 kW, 502 ft, C3, XG: 32-41-54 / 94-37-04, CL: Ore City, TX  
 Dallas: KLUV 98.7 inc. to 1663 ft.  
 Eastland: KVMX 96.7 OSA to C3, 100 kW, 426 ft, XG: 32-24-24 / 99-27-26, CL: Baird, TX  
 Edna: K209DB 89.7 NS-50w: KCZO  
 Gainesville: K206CD 89.1 NS-250w: KPFC  
 Glen Rose: KTFW 92.1 PC > 25 kW, 1417 ft, C1, XC: 32-16-31 / 98-01-22  
 Highland Park: KVIL 103.7 inc. to 1653 ft.  
 Howe: KHYI 95.3 adds Jones classic country nights (&), still Americana elsewhere (Dallas)  
 Huntington: KYBI 101.9 FC to WW1 a/c (&)  
 Llano: \*\*\* 106.5 PA: add class A  
 Llano: \*\*\* 102.9 PA: add class A  
 Louise: K216EI 91.1 NS-50w: KCZO  
 McKinney: KRVA 106.9 CC (ex KZDF), FC to Ranchera (&) (Dallas)  
 Monahans: KFZX 102.1 CC (ex KCDQ)  
 Odessa: KLVW 99.1 XG: 31-50-53 / 107-27-04  
 Plainview: KVOP 106.9 NW, a/c (&) CC (ex KHDY)

**Texas:**

Plainview: KHDY 97.3 CC (ex KVOP), reported SI  
 Plainview: \*NS 88.5 3 kW, 282 ft.  
 Port Lavaca: K220HF 91.9 NS-250w: KCZO 92.1  
 Rio Grande City: KCTM 103.1 QG to 107.5 - C2, 12 kW, 994', DA, XG: 26-31-01 / 98-39-07  
 Terrell: KRVF 107.1 CC (ex KZDL), FC to Ranchera (&) // KRVA 106.9 (Dallas)  
 Victoria: KVLV 92.3 PC > 6 kW, 298 ft, DA, XC: 28-46-04 / 96-59-12  
 Wake Village: KBHA 92.5 PA: to class C3 (from class A)  
 Winona: KBKV 102.7 OSA to C3, 9.3 kW, 531', XG: 32-23-09 / 95-06-43  
 Winters: KAFR 96.1 OSA to C2, 50 kW, 492 ft, CC (ex KLGD)  
 Woodville: KVLL 94.7 FC to Hot Country (&)

**UTAH:**

Brigham City: KRAR 106.9 FC to soft AC "Cosy" // KOSY (Salt Lake City)  
 Logan: KBLQ 92.9 adds Delilah  
 Logan: KVFX 94.5 FC to CHR "VFX 94.5"  
 Salt Lake City: KRCL 90.9 PG > 25 kW, XG: 40-39-34 / 112-12-05  
 Salt Lake City: KCPW 88.3 PG > 2350w, -200 ft, DA, XG: 40-45-48 / 111-53-23  
 Tooele: KUUU 92.1 PC > 9.7 kW (h), 531 ft.

**VERMONT:**

Addison: WRR0 93.7 CC (ex WWFY), NW, classic rock  
 Middlebury: WWFY 100.9 CC (ex WGTK), FC to a/c

**VIRGINIA:**

Jonesville: WJNV 99.1 PG 4 kW, 403 ft, XG: 36-42-05 / 83-10-14  
 Staunton: WTON 94.3 adds Delilah  
 Virginia Beach: \*NS 102.1 6 kW, 167 ft.

**WASHINGTON:**

Bremerton: KRWM 106.9 PG < 49 kW, 1299', DA  
 Chehalis: K220HE 91.9 NS-13w(v): KAWZ-ID  
 Ellensburg: KCWU 88.1 NW, modern rock & variety  
 Hoquiam: KGHO 95.3 FC to classic hits  
 Naches: KREW 99.3 CC (NS), CC (ex KBMU)  
 Omak: KQWS 90.1 NW, info & talk // KWSU  
 Seattle: KQBZ 100.7 CC (ex KIRO) "The Buzz"  
 Spokane: KWHK 103.9 adds Bob & Tom, CC (ex KNJY) "The Hawk"  
 Spokane: KEZE 96.9 OSA to C2, 8.2 kW, 1197 ft, DA, XG: 49-43-33 / 117-10-66  
 Walla Walla: KHSS 100.7 FC to Unica Spanish talk (&)



**WEST VIRGINIA:**

Elizabeth: WRZZ 106.1 FC to ABC classic rock (&), John Boy & Billy in AM (Parkersburg)  
 Fisher: WQWV 103.7 RA with Jones a/c (&)

**WISCONSIN:**

Brookfield: WMJO 106.9 CC (ex WPNT) "Jammin' Oldies" (Milwaukee)  
 Forestville: WRKU 102.1 PG < 400 w, 492 ft, XG: 44-42-26 / 87-24-26  
 Kewaunee: WAUN 92.7 RA with country "Moo 92"  
 Lomira: WFDL 97.7 PG > 25 kW, 328 ft, C3, XG: 43-42-32 / 88-13-14  
 Michicot: WGBM 94.7 PA: from class A to C3  
 Milwaukee: WKTI 94.5 dec. to 754 ft.  
 Platteville: WPVL 107.1 PG < 4.2 kW, 394 ft, XG: 42-41-27 / 90-37-26  
 Port Washington: WGLB 100.1 FC to Jones classic rock, keeps Imus in the AM (&)  
 Siren: WBEP 105.7 XG: 45-49-43 / 92-28-41



**WYOMING:**

Cheyenne: KIGN 97.9 inc. to 810', XG: 40-53-42 / 105-11-38 (xmtr located in Colorado)  
 Wheatland: \*\*\* 106.5 PA: add class C1

**PUERTO RICO:**

Camuy: WDJN 102.9 inc. to 892 ft, XG: 18-17-34 / 66-39-32  
 Carolina: WVOZ 107.7 PC > 12 kW, 2758 ft.



**ALBERTA:**

Calgary: CHKF 94.7 NW, ethnic

**BRITISH COLUMBIA:**

Courtenay: CKLR 97.3 NW, a/c  
 Victoria: CIOC 98.5 PG < 47 kW

**MANITOBA:**

Indian Lake: CINC 96.9 wants low power xmtr here  
 Waterhen Ind. Res: CINC 93.5 wants low power here

**NEW BRUNSWICK:**

Antigonish: CJFX 98.9 NW, a/c // AM

**ONTARIO:**

Michipicoten: \*NS 100.7 CJWA wants 5 w relay here  
 Welland: CHOW 91.7 QC from 1470, 25 kW

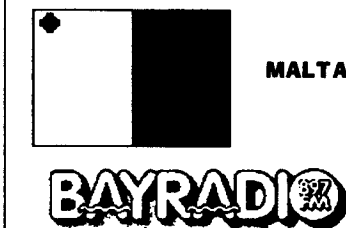
**QUÉBEC:**

Havre-St-Pierre: \*NS 92.5 25.3 kW, (to relay CBSI-FM, replacing 7 low power AM relayers)  
 Montreal: CBME 88.5 wants PG > 16.9 kW  
 Ste-Anne-de-Beaupre: \*NS 89.9 124 w (to relay CBVX-FM)

Thetford Mines: CKLD 105.5 PG > 6 kW, AM station to go dark August 31, 1999  
 Trois-Pistoles: CJTF 93.9 dec. to 42 watts

**SASKATCHEWAN:**

Canoe Lake: CFCK 103.9 RA with variety



**MALTA:**

Gozo: Calypso 102 - 102.3  
 Malta: Capital Radio - 88.7  
 Malta: Bay Radio Malta (with RDS) - 89.7  
 Malta: FM Bronja - 91.7  
 Malta: Super One Radio - 92.7  
 Malta: Live FM - 100.2  
 Malta: Radio 101 - 101.0  
 Malta: Island Sound - 100.8  
 Malta: RTK Radio - 103.0  
 Malta: Radio Mas - 103.7  
 Malta: Radio Smash (with RDS) - 104.6  
 Marsa: Super One Radio - 88.2  
 Mtarfa: Radio Malta 2 - 93.7



**PIRATE WATCH:**

- LANCASTER, PA. A pirate operating here on 106.3 was seized by the FCC on May 3, 1999. The station had been running with the slogan of "Radio Vida". FCC agents allege the station could be received twenty miles away, well above the limit for unlicensed stations. The FCC claims it was 31,000 times above the legal limit. (Does this mean 3.1 kW?)
- PITTSBURGH, PA. The FCC, with cooperation from the FBI, closed down Mark Lange's "Radio Carson", which operated on 91.7.



In Cleveland there are now two stations using the "Kiss" slogan. As we read last month, WENZ 107.9 changed from modern rock to urban, and began using the "Kiss" slogan, first. The change occurred after playing 23 straight hours of "The End Of The World As We Know It", by R.E.M. This was the same song the modern rock station debuted with in 1992 (after changing from top 40 WPHR "Power 108"). Well, after this, WZLE 104.9 Lorain has changed to a top 40 format, but also using "Kiss-FM". WENZ might not be THAT concerned, as 104.9 has a very hard time covering all of metro Cleveland. They have no signal in the important east-side suburbs, covering basically only west of the city. They cannot even be heard in places like Akron. WKKY 104.7 (Geneva) and WQXK 105.1 (Salem) adjacent interference, as well as just weak signal are the culprits.



300 Washington Avenue  
Lorain, Ohio 44052



**FCC Update:** The time window for commenting on the important LPFM proposal has been extended by 60 days, until August 2<sup>nd</sup> (The NAB and CPB wanted to extend the deadline even further). This means reply comments will be due on September 1<sup>st</sup>. The time will likely be used for further testing. We'll let you know when we know more!

The new "Jammin' Oldies" format of rhythm & blues and soul oldies continues to be all the rage in the United States. One needs to look only at the numerous changes to that format in this month's column (as well as the last few months). This format shows no sign of slowing down, so if you don't have one in your area yet, keep tuned! On a personal note, I find the new format interesting, and



LA's JAMMIN' OLDIES



JAMMIN' OLDIES

something new to listen to. However, if the stations stick to a tight 300 song playlist, like the "All 70's" format did a few years ago, I have to wonder if high burnout will mean the formats popularity will be short lived (like the 70's format was)

**Doug Smith** writes about a handy program he has located on the Internet. Robert Carpenter's "TVFMSTNS" program will read the FCC TV-FM database for you, and display technical information, such as power, tower height, co-ordinates, etc. It will even plot the directional pattern of the station, and determine distance and bearing to several reference points. More information is available at <http://www.csvhfs.org> under the "Software Downloads" link.

**Bill Draeb** writes with some FM updates from his home area of Kewaunee, Wisconsin. Firstly, WAUN 92.7 Kewaunee has returned to the air, but no longer running polka music (despite the complaints of many area residents). The station is now "Moo 92", with mainstream country music. According to a local newspaper article, the station, along with WSRG 97.7 Sturgeon Bay ("Star 97") have been acquired by Magnum Broadcasting, Inc., which runs other stations in the state. In addition to the country music, the station also wants to present itself as a good source of agricultural information. That is partly the reason for the "Moo" slogan. The station has acquired the Green Bay area rights to the Chicago based *AgriVoice Network*, which carries agricultural information for the region. Along these lines, Bill noticed another newspaper article announcing that a new polka formatted station is to debut within a few months. The article says the station will have the call letters WYNO, and be located in Kewaunee County, but not the city of Kewaunee. The organizers are seeing donations of old polka records. Readers are asked to contact them at (920) 388-2516. No other information was available. We'll keep you posted if it turns out to be an FM station. (I haven't seen any such grants.) Bill updates us on a few other new stations soon to sign on in the area as well.. WBDK 96.7 is all set to sign on two sister stations: WRLU 104.1

Algoma, and WRKU 102.1 Forestville. WRLU is planned to be country, and WRKU is to be oldies. WBDK had run the "Music Of Your Life" format, but dumped that at the start of the year. However, they still run music from the 40's to the 60's. Their president, Roger Ebert, (the movie critic? - grc) has made a generous offer to attempt to jump-start the economy of the counties of Kewaunee and Door. Bill notes that this area is somewhat economically depressed, with rail service to the area being discontinued, and the car ferry also being cut off. Ebert has promised \$10,000 of free advertising to any

business with more than five employees that relocates to one of these two counties.

• Thanks! To all the contributors to the column this month. Ken Simon provided the information, from the Internet, on the slogans for Maltese radio stations. Thanks for other information appearing here also go out to Matt Sittel, Doug Smith (especially for Canadian information!), Saul Chernos, Dave Nieman, Jeff Kitsko, Chip Kelley, and Mike Lazaro.

NORTHERN FM DX - JULY 1999 ...continued from page 31

GREG CONIGLIO - 90 SLATE CREEK DR #3 - CHEEKTOWAGA, NEW YORK 14227

Equipment: 1999 Plymouth Montana mini-van factory car radio (rental van).  
Internet: [coniglio@localnet.com](mailto:coniglio@localnet.com). Times are MDT

MAY 29, 1999 ES

(MOBILE ON INTERSTATE 94: NEAR THE NORTH DAKOTA - MONTANA STATE LINE)

- 1913 KKZN 93.3 TX Haltom City, local ads for Grapevine and Mesquite malls. 1060
- 1914 KATT 100.5 OK Oklahoma City tent. With album rock (this was MUF) 870
- 1917 KQSR 94.7 OK Oklahoma City, "Soft Rock" 870
- 1921 KKNQ 93.3 OK Newcastle, Tent, k.
- 1923 KXTQ 93.7 TX Lubbock, tent. SS 935
- 1925 KFMX 94.5 TX Lubbock, tent. Rp 935
- 1930 UNID 92.7 Houston Astros BB
- 1931 KOMA 92.5 OK Oklahoma City, oldies

93.3 THE ZONE

Quality Rock - True Variety  
Pre-Set 1 FM Stereo



The skip was a nice surprise. It was hard to enjoy it more because we were going through a bad thunderstorm with heavy rain. The storm featured the most spectacular display of lightning I think I have ever seen. The skip was immediately obvious because the FM dial in that area is so empty (just a few weak signals from Dickinson, and Miles City). The front also brought a massive change in weather, from sunny 80's beforehand, to 40's with wind and rain behind the front in Montana. Too bad it didn't last longer or reach a higher MUF. I still haven't heard skip back here in Buffalo. Lately the weather here has gone from extremes, with two consecutive 90 degree days, followed by drizzly days not getting out of the low 60's. During the warm days, I have noted good Tropo, including lake enhancement both to the SW towards Cleveland & Detroit, and NE towards Ottawa & Watertown, nothing far enough to report. One morning on the way to work I logged new station WZKZ 101.9 Alfred, NY with a strong signal. "KZ Country".

**NORTHERN FM DX CONTRIBUTIONS ALL FROM E-MAIL THIS MONTH.** I am not positive, but I think this is the first time that has happened. Thanks to all of you who have contributed this way. It has made the column easier, and allows for more recent information, because it doesn't take as long to put together! (Of course all contributions are still welcomed, and encouraged, in any format!!). Here's how you Internet contributors can make my life even easier ... PLEASE submit your reports in a format as close to the standard logging as possible. That means the items should be in the correct order and format: Separate line for date & propagation, then a line with items in this order: time-calls-freq.-state-city-comments-distance (if you have it). Some reports that have been format otherwise have been somewhat of a problem to reorganize. Also, IF your program can do this, please separate calls, freq., etc. with the TAB key. This works better than single spaces. If you can't do TABs, always separate with the same number of spaces (such as 3 for example), so I can replace those with tabs. I do the column in Word 97, so I can take that, Excel 97, or any format those programs can read. I can still of course do regular e-mail, or text files (separated by text or commas if possible). Feel free to write with questions. Thanks in advance for your support!!

# TV News

Douglas E. Smith W9WI  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
W9WI@bellsouth.net

July 1999  
# non-commercial station  
nc no change

<http://personal.bellsouth.net/~w9wi>

## Applications to amend the (DTV) channel allocation table

St	Fm	To	Call	City	St	Fm	To	Call	City
AK	22	6	KYES	Anchorage	NV	17	12	KTNV	Las Vegas
AL	53	5	WBIQ	Birmingham	NV	32	13	KTVN	Reno
AL	59	11	WDIQ	Dozier	NY	21	48	WRNN	Kingston
AL	56	4	WCIQ	Mt. Cheaha	OK	16	7	KOCO	Oklahoma City
CA	38	5	KNSO	Merced	OR	40	13	KOTI	Klamath Falls
CA	43	10	KSBW	Salinas	TN	55	13	WRCB	Chattanooga
FL	26	31	WPXM	Miami	TX	47	8	KIII	Corpus Christi
FL	30	31	WTVJ	Miami	TX	nw	63	KBEJ	Kerrville
IL	48	5	WCIA	Champaign	UT	34	36	KULC	Ogden
IL	nw	36	WSEC	Jacksonville	UT	17	48	KUWB	Ogden
LA	55	7	KMOE	Monroe	UT	39	44	KBYU	Provo
MI	18	39	WBKP	Calumet	UT	27	46	KJZZ	Salt Lake City
MS	nw	43	WMAA	Columbus	WA	39	8	KSPS	Spokane
MT	39	8	KFBB	Great Falls					

KMCC (DTV-32) has applied to move its DTV allocation from Lake Havasu City, Arizona to Laughlin, Nevada.

## Applications for new stations

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
BC	13	0.01		Hagensborg	A & E	52-24-16	126-28-20
FL	48*	1000	456	Melbourne	WOPX [56]	28-05-37	81-07-28
MA	31*	154	330	Boston	WPXT [25]	42-18-12	71-13-08
MI	44*	212	305	Battle Creek	WZPX [43]	42-40-45	85-03-57
MI	14*	58.7	269	Detroit	WKBD [50]	42-29-01	83-18-44
MI	11*	3.2	249	Grand Rapids	WGVU [35]	42-57-35	85-53-45
NC	14*	150	221	Burlington	WGPX [16]	36-14-54	79-39-21
NJ	43*	46	261	Trenton	WNJT [52]	40-16-58	74-41-11
PA	32*	501	364	Scranton	WQFX [64]	41-26-12	75-43-31
TN	51*	1000	298	Memphis	WPKX [50]	35-12-41	89-48-54
TX	18*	220	535	Fort Worth	KTXA [21]	32-32-35	96-57-32
TX	38*	208	582	Houston	KHTV [39]	29-34-06	95-29-57
VA	43*	80	154	Manassas	WPKW [66]	38-47-16	77-19-49
VA	42*	100	448	Marion	WMSY [52]	36-54-07	81-32-32
VA	32*	100	591	Worton	WSBN [47]	36-53-53	82-37-21
VA	3*	7.25	627	Roanoke	WBRV [15]	37-11-46	80-09-18
WV	39*	1000	350	Charleston	WLPX [29]	38-28-12	86-46-35

Applications in *italics* are for backup auxiliary transmitters.

## Construction permits granted for new stations

St	Ch	ERP	Ht./Call	City	Applicant	Latitude	Longitude
AL	19*	50	313	Demopolis	WIIQ [41]	32-21-45	87-52-04
AL	44*	169	243	Louisville	WGIQ [43]	31-43-04	85-26-03
AR	34+	63	180	Eureka Sprs	Equity BC	36-17-30	93-45-41
BC	19	0.05		Abbotsford	Mennonite Church		
CA	32*	200	960	Anaheim	KDOC [56]	34-13-37	118-03-58
CA	61*	149	948	Long Beach	KSCI [18]	34-13-37	118-03-58
MD	21*	174	302	Salisbury	WBOC [16]	38-30-17	75-38-37
MN	32*	1000	433	Minneapolis	WCCO [4]	45-03-44	93-08-21
MN	35*	774	435	Minneapolis	KARE [11]	45-03-44	93-08-21
MN	50*	1000	433	St. Paul	KSTP [5]	45-03-44	93-08-21
MO	52*	1000	573	Springfield	KOLR [10]	37-13-08	92-56-56
OH	31*	625	317	Cleveland	WJW [8]	41-21-47	81-42-58
ON	36	10		Smiths Fls.	CKWS [11]		

## New station permits expired, dismissed, etc.:

St	City	Ch	# Permits	St	City	Ch	# Permits
AR	Eureka Springs	34+	3				

## Applications to change existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AB	12+	16		Etrikom	CBCA-1		
MD	16+	3581	302	Salisbury	WBOC-TV		
ME	10-		304	Augusta	WCBB	44-09-15	70-00-37
ME	12-		290	Orono	WMEB-TV	44-45-45	68-33-58
MN	4+		452	Minneapolis	WCCO-TV		
MN	5-		451	St. Paul	KSTP-TV	45-03-45	93-08-21
OR	8-		524	Portland	KGW	45-31-21	122-44-45
OR	12x	153	388	Portland	KPTV		

Entries in *italics* are corrections to the tower coordinates only - nothing has actually changed.

The KPTV change is for an auxiliary backup transmitter. An application has been filed to increase the power of the Hagensborg, BC station translating CHAN [8] from 5 to 10 watts. Unfortunately, I don't list any station relaying CHAN here. I suspect it's CH4580 [12], for which I don't list any programming.

## Applications to change construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AZ	31*	1000	484	Phoenix	KSAZ-DT		
CA	65*	1000		Los Angeles	KTTV-DT		
KS	33x	42	96	Wichita	KWCV	37-41-15	97-20-13
KY	29*	227		Newport	WKIX-DT		
MT	13x	5.35	573	Lewistown	KBAO	47-10-40	109-32-07
NC	27*			Charlotte	WCCB-DT	35-16-01	80-44-05
NC	53*	1000	629	Raleigh	WRAL-DT		
ND	26+	738	300	Bismarck	KNDX	46-35-23	100-47-39
ND	24x	740	239	Minot	KXND	48-03-14	101-26-03
OR	46*	1000		Portland	KGW-DT	45-31-21	122-44-45

I believe the 629m HAAT for WRAL-DT is a typo. What it should be, I have no idea.

### Changes granted to existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
GA	57+	5000		Atlanta	WATC		
KY	67-	5000	440	Morehead	WACM	37-54-27	83-38-00
WA	49-	5010		Vancouver	KPDX		

K33DT Boise, Idaho has been granted permission to operate as a DTV station.

### Changes granted to construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AZ	58z	3750	335	Sierra Vista	KWBA	31-45-32	110-48-03
OR	24+			Portland	KNMT	45-30-58	122-43-56
OR	32z			Salem	KWBP	45-00-35	122-20-17
UT	20+	1644	1171	Salt Lake City	KTMW	40-39-12	112-12-06
WA	51+	3800	719	Bellevue	KBEH	47-30-17	121-58-04
WA	34-	2840	450	Spokane	KGPX		
WI	27+	2400		Madison	WKOW-TV		

The Portland change is for an auxiliary backup transmitter.

### Changes expired, dismissed, etc.

St	City	Ch	Call	St	City	Ch	Call
AL	Dothan	5	WUJN-LP (3)	TX	Brownsville	28	K17EK (2)
CA	Payne's Cr.	41	K20FP (3)	TX	McAllen	69	K6PHZ (3)
UT	Grand Marais	11	W61AF (4)	UT	Salt Lake C.	44	K38CN (3)
TX	Brownsville	21	K2AV-LP (2)	VA	Lynchburg	80	W80AN (1)

- (1): Petition to deny (for move to ch. 46) granted.  
 (2): Mexican objection.  
 (3): Request of applicant.  
 (4): Canadian objection.

### LPTV Displacement Applications

Call	St	City	Fm	To	Call	St	City	Fm	To
W20AY	FL	Melbourne	20	31z	K39AC	NE	Lincoln	39	58-
W22CE	FL	Orlando	22	14z	W67DQ	NY	Victor	67	24z
W67OT	KY	Paducah	67	52-	K66EB	TX	S. Christi	66	53-
K65FP	LA	Denham Sp.	65	38-	K44FO	TX	Dallas	44	19z
K48FV	MO	Joplin	48	20-					

### LPTV Displacements Granted

Call	St	City	Fm	To	Call	St	City	Fm	To
K62FT	AZ	C. Adobes	64	62-	K30FV	NE	Cambridge	25	30z
K05KP	CA	Quincy	11	5-	K43FU	NM	Deming	60	43+
KWHY-LP	CA	Sta. Barb.	65	22-	K48GJ	NY	Carson C	65	48z
K26FT	CA	Sta. Barb.	61	26z	W15BS	NY	Union Sprs	69	15z
K41EP	CA	Sta. Barb.	19	41z	W54CT	NY	Wilson	60	54z
K56GH	CO	Ft Collins	35	56z	W09CG	OH	Findlay	46	9-
W38CG	FL	Ft. Myers	67	38-	K33FE	OR	Roseburg	29	33z
W17CK	FL	Pt Charlotte	52	17+	K56GE	TX	Kingsville	46	56z
WPBI-LP	FL	W.P. Beach	36	31z	KHPL-LP	TX	La Grange	32	40-
W25CQ	GA	Statesboro	45	25+	K42ET	TX	Snyder	69	42-
W34CN	ME	Medway	14	34+	K38FN	TX	Waco	53	38+
W68CH	MI	Detroit	68	33+	K54GB	UT	Tooele	24	54z
K49FC	MO	St. Louis	48	49+	W31CA	WV	Charleston	45	31z

I believe W68CH has been issued a new call sign to go with its move to channel 33, however the old call was printed in the Public Notice.

### Technical changes on the air

St	Ch	Call	City	What happened
FL	56+	W56DW	Naples	move from channel 54 (W54CC)
FL	27+	WTKL-TV	Tallahassee	increase power 1170->2690kW, tower height 262->518m; move about 30km west-northwest.
GA	25+	W25CQ	Statesboro	move from channel 45n (W45BO)
HI	26z	KAAH	Honolulu	increase power 76->269kW, decrease tower height 66m, move about 35km west-northwest.
NC	64-	WAXN	Kannapolis	increase power 129->1910kW, tower height 86->300m, drop circular polarization & move about 30km south-southwest.
OH	39+	W39CG	Cincinnati	move from ch. 35z (W35BA), increase power 10.4->18.6kW.
OK	59n	K59GF	Guymon	move from channel 69 (K69EQ)
OK	17z	K17EX	Oklahoma City	move from ch. 65 (K65GU), decrease power 38.2->37.1kW, increase tower height by 85m, move about 11km northwest.

### New stations on the air or requesting operating license

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AZ	58z	5000	331	KWBA	Sierra Vista	31-45-33	110-48-02
CA	7n	0.3		K07UX	Fresno	37-04-23	119-25-51
CA	35+			KCRA-DT	Sacramento		
CA	44+	206	446	KBBK-DT	San Francisco	37-45-19	122-27-06
CA	14+	45.5		K14IG	Santa Maria	34-54-36	120-11-10
DC	36+	1000	201	WTTG-DT	Washington	38-57-22	77-04-59
IA	38n	26.1		K38DU	Sioux City	42-29-39	96-18-21
ID	66z	9.33		K66EV	Boise	43-45-16	116-05-56
KY	62z	129		W62CL	Lexington	38-02-07	84-27-02
LA	36+	12.3		K36DS	Alexandria	31-18-24	92-24-12
MA	31+	78	330	WFXB-DT	Boston	42-18-12	71-13-08
ME	20+	1.16		W20BN	Bangor	44-45-36	68-33-59
MI	18+	8.91	73	WHTV	Jackson	42-14-08	84-24-00
MI	28			W28??	Marquette		
NL	3			XN??	Linaxas		
NY	17			W17CH	Patchogue		
PA	51+	145	250	WTAB-DT	Pittsburgh	40-16-49	79-48-11
PA	20-	45.1		W20AN	Washington	40-11-25	80-14-00
TN	28-	11.9		W28BO	Acton	34-59-41	88-31-17
TX	35z	14.9		K35EU	Alice	27-45-09	97-27-18
TX	26+	10		K26EY	Austin	30-19-20	97-48-03
TX	31n	0.543		K31FA	Hillsboro	32-02-54	97-01-14
TX	44z	19.9		K44FP	Robstown	27-40-39	97-38-20
TX	58z	9		K58EU	San Antonio	29-31-25	98-43-25
WA	41+	427	263	KCTS-DT	Seattle	47-36-58	122-18-28

WA	45+	52.5	346	KHCV	Seattle	47-32-39	122-06-32
----	-----	------	-----	------	---------	----------	-----------

I'm not going to list any facilities for WBLU yet. The channel 28 station in Marquette, MI is a translator of WBKP [5], with ABC. It's not in the FCC Database, but is mentioned on their ID slide (see Danny Oglethorpe's picture on page 11 of last month's VUD) and their Web site <http://www.wbkp.com>. W17CH isn't in the database either. The Mexican station on channel 3 is a translator of XHDF [4] Mexico City, and the location is not certain. KCRA-DT is operating from a temporary low-power facility at their studio. The move to full facilities is expected late this fall. The W28BO transmitter is in Mississippi.

### Stations deleted/dismissed/etc.

Call	Ch	St	City	Call	Ch	St	City
CH2650/ CH2651/ CH2652/ CH2653	2/ 4/ 6/ 7	AB	Anzac	K32EY	33	OR	La Grande

### Call changes

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch
W47BS	WOIL-LP	Tallad., AL	47	new	KBNK	Goldfld, NV	7
KKAK-LP	KHUG-LP	L. Rock, AR	46	WNYA-LP	WPXU-LP	Amityvl, NY	38
KKRK-LP	KLRA-LP	L. Rock, AR	58	W18BP	WLQP-LP	Lima, OH	18
KWOK	KTLN-TV	Novato, CA	68	WDPX	WBDT	Sprgfd, OH	26
WBPT	WSAH	Bridgpt, CT	43	K20FK	KZAV-LP	Brownsv, TX	20
W57CJ	WDPX-LP	FtMyers, FL	57	KJAC-TV	KBTU-TV	PtArthur, TX	4
W31AU	WPXG-LP	Orlando, FL	31	K65ES	KBLM-LP	S Anto., TX	65
WPXU	WBUI	Decatur, IL	23	WPXG	W1WB	Suring, WI	14
new	KBNY	Ely, NV	6	new	KBNM	Sheridn, WY	7

### Programming changes

Call	Location	Programming
K57HR	Colo Springs, CO	sold to KXRM [21], Fox.
KTUS [3]	Sterling, CO	sold to KTVD [20], UPN.
WKRP-LP [42]	Washington, DC	to NASA TV & Executive Branch info
WBUI [23]	Decatur, IL	from Pax to WB.
KSMI-LP [51]	Wichita, KS	returns to air with Military Ch.
W67BA	Dennis, MA	see WZBU-MA.
WZBU [58]	Vineyard Haven, MA	sold to Pax but may not carry the Pax network.
WNBU [21]	Concord, NH	sold to Pax but see WZBU-MA.
KNLC [24]	St. Louis, MO	adds UPN to religion.
KPTN-LP [58]	St. Louis, MO	adds local programming to Box.
W04BG	Morris, NY	sold to WYDC [48], Fox/UPN.
W55AC	Penfield, NY	sold to WYDC [48], Fox/UPN.
WMHQ [45]	Schenectady, NY	from PBS to WB.
K15EY	Wasco, OR	sold to Oregon Public Broadcasting.
W43BS	Columbia, SC	new, WQHB [63] translator.
W31BS	Orangeburg, SC	new, WQHB [63] translator.
WQHB [63]	Sumter, SC	in financial trouble; airing mostly test patterns.
KVVV [57]	Baytown, TX	sold to Pappas Telecasting - to drop Valuevision & go independent?
K58FZ	Cisco, TX	sold to Prime Time Christian Bcstg.

K53PV	Houston, TX	sold to Pappas - see KVVV-TX.
K69HZ	McAllen, TX	sold to a church.
K26DW	Snyder, TX	sold to KIDY [6], Fox.
W45BG	Norfolk, VA	sold to WAVY [10], presumably to be "LWS" weather?
K25FP	Ellensburg, WA	to 3ABN.
KHCV [45]	Seattle, WA	new, Military Channel.
W1WB [14]	Suring, WI	from Pax to WB (for Green Bay).

WMHQ [45] holds a commercial license, so the move from PBS to WB is legal. This would not be possible for stations on non-commercial reserved channels.

### Forum & Other Stuff

Thanks to Fernando Garcia, Will Hepburn, Danny Oglethorpe, Jeff Kadet, Chip Kelley, and Jim Ayers for information appearing elsewhere in this column. Judging from the CP modification granted this month, I would assume the channel 62 station in Lexington, Kentucky is still operating under the W62CL LPTV permit rather than the WBLU full-license CP. New KWKB [20] Iowa City is scheduled to begin testing on the 11<sup>th</sup> and go on the air with programming on the 30<sup>th</sup>. It'll be a WB affiliate.

Fernando is seeing a new XHDF [4] translator on channel 3 to the southeast of his location. He speculates it's located in Allende, Montemorelos, or Linares. His local on channel 3 (a translator of XEFB [2]) has moved to channel 2 and back to its original location in Cadereyta, roughly 30km southeast of Monterrey. Yes, it does generate "Es-like" interference to XEFB. Also noted to the southeast of Monterrey are a new XHIMT (Azteca 7) translator on channel 8 and another XHDF translator on channel 4.

During a skip opening to the Dakotas, Jim Ayers near Atlanta noted a channel 4 station with a "TBT" bug & wondered who it was. This is CHFD Thunder Bay, Ontario. (See Danny's picture on page 11 of last month's VUD; note the ID as "TBT 4/6") TBT operates a second station in Thunder Bay (also pictured in last month's VUD), CKPR on channel 2. Its ID is "TBT 2/5".

Jim also notes his local WNGM [34] is IDing as "WNGM-LP"! It does, in fact, hold a full-power license and operates at 5,000kW.. I guess The Box is not used to full-power affiliates <grin>. Speaking of The Box in Atlanta, WSKC-LP [59] has been off for a few weeks. The third Box in the area, WIRE-LP [40] also operates intermittently.

Finally, Jim asks whether it's legal for one station to broadcast on two channels at the same time? When WSKC-LP moved from channel 4 to 59, they operated on both channels for about a week; and in late May, Jim observed WGSALP Savannah on both channels 38 and 50. (Surprisingly, not in parallel - 50 was airing an ID with translator list inserted over an infomercial, while 38 had the infomercial but no ID) I suppose this is probably legal for brief periods - the construction permit conveys authority to test the new facilities (whether they be a more powerful transmitter, a higher antenna, or even a completely different channel) on the air. The FCC has indicated it will be cracking down on those who keep renewing construction permits over and over; it will not be possible to keep two channels this way for long. Oh, yes, both channels would have the same callsign. (I would count them as two different stations in my log)

Two Guadalajara stations have modified their IDs. According to Danny, XHG [4] has added big letters "GDL" below their 4 logo. And XEDK [5] has changed the background behind their 5 to white. In Veracruz, XHAJ [5] has added "Televisa Veracruz" IDs to their programming - however, these IDs are different from the ones used by XHFM [2] and XHGV [4]. See Danny's Web page at <http://www.geocities.com/capecanaveral/cockpit/5099> for more on identifying Mexican TV. He also notes KNAZ [2] now carrying KPNX [12]'s newscasts. The stations are now co-owned. No word yet on whether KMOH [6] is also part of this network.

Jeff Kitsko sent a quick note to the effect that WCWB [22] and WPGH [53] Pittsburgh have both adopted stereo audio.

You may have noted there was no installment of the Canadian DTV Allocations last month. It was because I ran out of time to edit them - but I'm not going to resume with that set. Will Hepburn indicates the table now appears as part of the Industry Canada database, and there have been some changes. Canada will be using the same callsign scheme as the U.S., with calls such as CHCH-DT and CH4023-DT. He also indicates Panasonic is to be introducing a DTV->NTSC converter in October.

73 Doug

# Classic V.U.D.

Original articles from the early days of the VUD...articles that stand the test of time. This one written by Dave Janowiak and originally appearing in a Nov 1970 issue of the VUD. It has been updated for use in this VUD.

## Dipoles and folded Dipoles

A dipole, or folded dipole is an antenna cut to one-half wavelength of a desired frequency. It is, therefore, resonant at that frequency, allowing more electromagnetic pickup at that frequency than other frequencies. Both antennas, although different in impedance, deliver identical power to a receiver or transmitter.

The dipole is split at its electrical center for connection to 72 ohm transmission line (see Figure 1). Radiation is maximum at right angles to the axis. The dipole can be called a dipole antenna, doublet, doublet antenna, half-wave dipole or plain dipole.

The folded dipole, shown in Figure 2, has 300 Ohms impedance. It also is split in the center for connection to the transmission line. Maximum radiation is also at right angles to the axis.



Figure 1  
Half-wave dipole

Note: Hereafter, the term dipole will be used for both plain and folded dipoles unless specified otherwise.

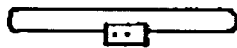


Figure 2  
Half-wave folded dipole

These antennas, especially folded dipoles, have been most popular for TV and FM receiving work. Because of their popularity, dipoles have become the basis for plotting gains of other antennas. That is, dipoles are used as a reference, assigned a "gain" of zero, and compared with other antennas to determine the gain or loss. Dipoles, therefore, are sometimes called "zero-gain" antennas, not because they can't increase the signal, but because they have been

given a gain of zero only as a starting point. Indeed, many all-channel antennas on some channels have gains less than the cut-to-channel dipole!

Note: The isotropic source is sometimes used as a reference also, but not nearly as much as the dipole. However, gain of an isotropic source is about 20% less than a dipole. It is impossible, therefore, to make a correct judgement of antenna gain if a gain of X db over a "reference" antenna is claimed. Judging by the difference between actual antenna gain and that claimed for some all-channel antennas, I believe some manufacturers compare their antennas to neither a dipole nor an isotropic source.

Dipoles can be made from any conductor: solid wire, tubing, transmission line. The physical length of conductor must be shortened by the velocity factor, however.

Uses for Dxers. The dipole is an inexpensive method of receiving a frequency not covered by other antennas. Any 300 ohm line, for example, can be cut and mounted on a board for support. Aluminum tubing can be used if available, but support is difficult especially at low frequencies. Best use of a dipole is for snatching polarized E skip. A 300 ohm dipole can be cut in minutes for the channel desired and mounted to suit. For E skip, it needn't be mounted high, since local tropo signals would just be that stronger. A dipole cut from 300 ohm line and taped to a fishing pole stuck into the ground ...has gotten E skip Ids that weren't seen on a horizontal antenna.

Uses for builders and experimenters. With a home-brew signal meter and pads, it is easy to compare gains of antennas. The dipole should be compared with the "test antenna" at the same height and location and through identical lengths and type of transmission lines. This is a little hard if the test antenna is already mounted on the tower. However, if possible, ground-test the antennas before installation.

Comparison is done by noting voltage differences on the S-meter between dipole and test antenna. If the S-meter is not calibrated, you can add attenuation until both readings are identical (or close). For example, if voltage equals -1.0 with the dipole connected, but -3.0 with the test antenna connected (more gain), add attenuation until the reading with the test antenna is close to -1.0. The amount of attenuation equals gain of the test antenna over the dipole. Note: Comparing picture strength by using pads only (no S-meter) is not an accurate test. If a ch2-13 antenna is tested, check the gain against select cut-to-channel dipoles: channels 2,4,6,7,10 and 13, for example. typically, gain "rolls off" at the ends of the band, especially for yagi types.

Experimenters can check actual gain against calculated gain of home-brew antennas by using the dipole/S-meter/attenuator method. Some Dxers might be surprised to learn that they can build a four or five element yagi for a low band channel that will out-perform *any* all channel VHF antenna on that frequency. Cost should be little or nothing, especially if you have access to junk tubing, old antennas, etc.

300 ohm attenuator pads. Anyone with an average sized junkbox should be able to build a few pads quite easily. All you need is the correct sized resistors. Figure 1 shows common circuits used for 72 and 300 ohm type pads. Tables 1 and 2 give resistor values for the attenuation desired. Wattage values are unimportant in receiving work; 1/4 to 2 watt are fine, whatever is the cheapest. Resistor tolerances effect results, but for your less critical needs, 20% resistors should be ok.

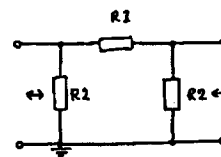


Figure 3 72 ohm pad

ATT (db)	R1	R2
3	27	430
6	56	220
9	91	160
12	130	120
15	200	110
18	300	91
21	430	91
24	560	82

For Figure 3

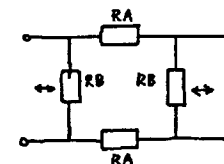


Figure 4 300 ohm pad

ATT (db)	RA	RB
3	56	1600
6	110	910
9	180	620
12	270	510
15	390	430
18	560	390
21	820	360
24	1200	330

For Figure 4

A 300 ohm home-brew pad is illustrated below. Non-conducting circuit board can be used. Spacing at input/output should be close to actual T-line conductor spacing. Short lengths of T-line and antenna clips allow rapid insertion and removal, but antenna clips can add .50 db loss to a 12 db pad.

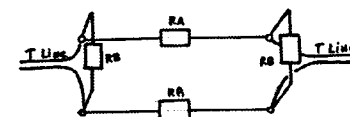


Figure 5 300 ohm home-brew pad

The 72 ohm pads should be mounted in small metal boxes, making sure you have good shielding, symmetry, etc. Use you favorite connector.

fm/tv  
**WEBSitings**  
June/July 1999

Jim Thomas  
280 E. Katsura Street  
Milliken, CO 80543  
oldwest@oneimage.com

**The Best of the 'Best' in FM & Television Station Internet Websites.**

After a month of incredibly busy work, I have found time to get the second issue of WEBSitings out. Rather than apologize for being too busy, here's a DOUBLE issue for you to have fun with. Hopefully by now, we're all deep in the thick of the e-skip season. Also, by the time this VUD hits the mailbox, the WTFDA convention will be in full swing. With that bagful of unid'd FM & TV loggings, what you need now is some really good SEARCH ENGINES from the internet to help you solve those mystery stations. So here they are.

HAVE FUN!! **[SEARCH]**



**FM WEBSITE SEARCH ENGINES**

[www.wmbr.mit.edu/stations/list.html](http://www.wmbr.mit.edu/stations/list.html)  
This is possibly one of the best fm/am search engines currently on the web. It utilizes both the fcc.gov search engine and links to radio station websites. You can do a direct search by state, city, frequency, call letters, format, and you can also search either webpages or fcc documentation on a station, or both at the same time. You can also list all am or fm by frequency, broken apart by country, which goes beyond the North American continent. The frequency listings will also highlight stations with website presence and those that are linked to bitcasting sources (ie Realaudio). The webmaster is Theodric Young from the WMBR radio station at MIT. He readily invites your input.

[www.fcc.gov/mmb/asd/fmq.html](http://www.fcc.gov/mmb/asd/fmq.html)  
This is the FREE search engine provided by the Federal Communications Commission in Washington, DC. Here you can query radio station information



by: Callsign, file number, city/state, frequency

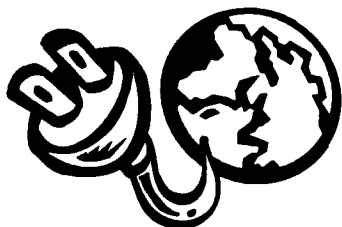
**FCC website continued**  
conversion between FM channel numbers & frequencies, and mailing addresses for broadcast stations. The FM database is updated daily at 5:00PM EST and contains all transactions from the previous business day.

[www.radiostation.com/facdata/fmcallsql.html](http://www.radiostation.com/facdata/fmcallsql.html)  
Now here's a super fast search engine. Its the latest state-of-the-art high speed SQL database processor that finds your search in a flash. No bells & whistles here, no time consuming downloading of .gif or .jpeg images, just straight to the point .html text.

[www.airwaves.com/fmdb.html](http://www.airwaves.com/fmdb.html)  
Originating from Milwaukee, WI, here is another search engine that uses the fcc.gov database, as well as linking you to the tiger.census.gov locator. It searches by callsign, city/state, frequency, metropolitan area. You can even plug in designated longitude & latitude coordinates. It is as effective as other search engines, but somewhat slow with search results.

*Here are some other fm radio search engines worth mentioning, but are some what incomplete in their listings.*

[www.radiobroadcast.net](http://www.radiobroadcast.net)  
[www.gebbieinc.com/radiointro.htm](http://www.gebbieinc.com/radiointro.htm)  
[www.ilgradio.de/ilg-ibwd.htm](http://www.ilgradio.de/ilg-ibwd.htm)



are you **PLUGGED IN**  
to the world??



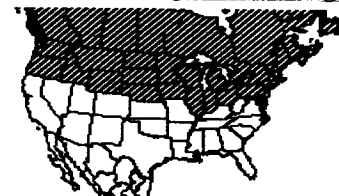
...continued on page 35--

**NORTHERN FM DX**

**JULY 1999**

**DEADLINE** The 5<sup>th</sup> of the month before publication  
**LOG CUTOFF** 4 months from postmark  
**COLUMN REPORTING AREA** See map to the right  
(also includes Europe & Asia)

**EDITOR GREG CONIGLIO**  
90 SLATE CREEK DRIVE APT. #3  
CHEEKTOWAGA, NEW YORK 14227  
E-MAIL [coniglio@localnet.com](mailto:coniglio@localnet.com)  
WEB <http://www.geocities.com/~wgrr>



The season has picked up, judging by the reports below. Not a banner season by any means, but at least there was an active period of skip during the end of May, especially the 23<sup>rd</sup>. Some decent Tr has also been reported. If you heard any of this, or other DX, let us know about it!! ...

**MATTHEW SITTEL - 1731 SCARBOROUGH DRIVE APT. 2-I - BELLEVUE, NEBRASKA 68123**

Equipment Yamaha TX-900U tuner with modified filters, rabbit ears, 2nd floor apartment.  
Internet 76255 2171@comuserve.com

**MAY 1999**

**5 TR**  
0756 KJIL 99.1 KS Copeland, calls 342  
**14 TR**  
0740 KHOZ 102.9 AR Harrison, Z103, local ment. 370  
**22 TR**  
0646 KRES 104.7 MO Moberly, "Kress Radio" 219  
**23 ES**  
1810 WKOC 93.7 VA Chesapeake, "The Coast" 1102  
1813 WRSF 105.7 NC Columbia, "Dixie 105.7" 1124  
1820 WMGV 103.3 NC Newport, Kinston ad 1130  
1822 WWDE 101.3VA Hampton, "2WD" 1088  
1824 WQBE 97.5 WV Charleston, calls 784  
1825 WPTF 94.9 VA Virginia Beach, "Point" 1113  
1826 WRVQ 94.5 VA Richmond, "Q94", calls 1019

**JUNE 1999**

**6 TR**  
0624 KLQP 92.1 MN Madison, Ortonville ad, Q92 270  
0626 KSDR 92.9 SD Watertown, "93 Country, KS-93" 268  
0630 KQAA 94.9 SD Aberdeen, calls, "Cool 95" 326  
0640 KBRK 93.7 SD Brookings, local ad 225  
0659 KRSU 91.3 MN Appleton, ID 282  
0709 KGGK 98.3 SD Wessington Springs, 245 "Cool 98", Mitchell ad

0731 KQIC 102.5 MN Willmar, local ad, "Q102" 280  
0732 KJAM 103.1 SD Madison, calls, severe wx PSA 208  
0734 KYSM 103.5 MN Mankato, "New Country 103" 233  
0737 KPHR 104.3 SD Milbank, "Oldies 104.3" 285  
0810 KEEY 102.1 MN St. Paul, K102, Twin Cities wx 302  
0817 KDWB 101.3 MN Richfield, calls 293  
0858 KDKK 97.5 MN Park Rapids, "K-D-Double K" 403  
0859 KBHZ 91.9 MN Willmar, ID 280  
0859 KCKK 99.7 MN Marshall, calls 230  
0903 KDJS 95.3 MN Willmar, "K 95.3" 280  
0904 KKOK 95.7 MN Morris, calls 309  
0906 KCAY 95.9 KS Russell, calls 217  
0929 KVGGB 104.3 KS Great Bend, calls, "Eagle" 242  
1004 KRUE 92.1 MN Waseca, local ads 240  
1014 KTCZ 97.1 MN Minneapolis, "Cities 97" 301  
1035 KOWZ 100.9 MN Blooming Prairie, calls 239



Nice to hear some skip (although I was hoping for something I'd never heard from any DX location, like Oregon...), and the tropo on June 6<sup>th</sup> was certainly enjoyable. Log total now stands at 158. 73s Matt.

## JOHN RIEGER - SOUTH MILWAUKEE, WISCONSIN

Equipment Radio Shack RDX398. Internet johnrieger@webtv.net

## MAY 23, 1999 ES (CDT)

- 1955 WMNF 88.5 FL Tampa SS. id'ed by TEXT "WMNF" on RDS of DX-398. A first!
- 2100 KEOM 88.5 TX Mesquite, l/psa, pre-recorded psa, full id, 70s oldies 88.7
- 2102 KAZI 88.7 TX Austin Blk Gos, full idfreq, calls, city, state! 1600w!
- 1958 KUHF 88.7 TX Houston 1958 "on KUHF" in fade up.
- 2001 KSBJ 89.3 TX Humble, G-E with full s/id, cont. Christian



WELCOME  
NEW  
REPORTER!!

**KUHF88.7FM**  
HOUSTON'S CLASSIC CHOICE

Well, this is my first ever report to the WTFDA, being a member/fan for years! Never had any super long list but I guess I figure all the little repts fatten up the bulletin! Es wa here for the first time in '99 for about 2 hrs on 5-23. The RDS on the RShack DX-398 was wonderful as it printed out "WMNF" with the SS programming which never had to wait for audio id! Was nice! 73s! John John J. Rieger DX'ing since 1967

## STEVEN SOLOMON - 31 VERNON ST. #4 - HYANNIS, MASSACHUSETTS 02601

Equipment Yamaha T-85 with 5 modified if filters 110khz/150khz. Super Narrow and fine tuning features. Car Geo Stock w/2 modified 150khz filters and signal meter. Internet cool102@capecod.net. (508) 771-8053

## MAY 1999

- 9 TR**
- 1000 105.5 WAYB Isleboro ME  
Bay 105.5, New station
- 1005 89.3 WMSJ Freeport ME  
Maine Christian Radio

## 17 ES

- 2000 101.3 WMCI Neoga IL  
k/1000 miles
- 2017 88.3 WLMS Lecanto FL  
3.8k/Spirit FM/St. Pete mention
- 2023 88.1 WNAS New Albany IN  
900/2.8k/Oldies

## 21 ES

- 1202 92.5 WYUU Tampa FL Oldies 92
- 1205 94.7 WDEC Americus GA Mix 94.7
- 1207 94.9 WTNT Tallahassee FL
- 1212 95.5 WTVY Dothan AL
- 1213 95.3 WJYE Nashville GA
- 1213 95.7 WMTX Clearwater FL Star 95.7
- 1222 96.9 WDJR Enterprise AL  
Country 96.9
- 1225 97.3 WMGR Bainbridge GA  
over local WJFD

**WDEC 94.7 FM**

Note 1 WYDA Graceville, FL - Dothan mentions. Although FM Atlas lists WTID Reform, AL as "Star 101.7", their web site is "Tide 101.7". Graceville is next to Dothan.

Note 2 Phone call verified slogan of B-93 for WBBK.

28e 3 E-skip 5/22/99 received mobile on rt. 95 in Rhode Island and Connecticut.

## MAY 21 ES cont.

- 1228 99.5 WKSM Ft. Walton Beach, FL  
99 Rock
- 1231 99.7 WOOF Dothan AL  
99-7 "Woof" FM
- 1232 100.3 (WOCL) Orlando FL Cool FM
- 1233 100.3 WNCV Niceville FL  
Ft. Walton mention
- 1233 100.7 WHYI Ft. Lauderdale FL Y-100
- 1234 101.7 WYDA\* Graceville FL  
6k/note #1/Star 101.7
- 1242 94.1 WSJT Lakeland FL  
100K/Smooth Jazz 94.1
- 1245 94.9 WBSJ Mobile AL
- 1246 93.1 WBBK Blakely GA B-  
93/note #2
- 1250 92.5 WPAP Panama City FL
- 22 ES note #3 (no totals counted-mobile)**
- 1046 94.9 WZTA Miami FL Zeta
- 1051 93.1 WTMI Miami FL
- 1052 93.9 WLVE Miami FL
- 1056 96.5 WPOW Miami Beach FL  
Power 96
- 1058 97.9 WRMF West Palm Beach, FL
- 1059 98.3 WQBA Goulds FL SS

## JOHN EBELING - 9209 VINCENT AVE S - BLOOMINGTON, MINNESOTA 55431

Internet: iebelina@aol.com

## FROM BLOOMINGTON, MINN.

## January 1999

- 4 TR**
- 2100 KKRC 93.9 MN Granite Falls 109
- 2200 K222AE 92.3 MN Springfield  
KJLX Xltr 92
- 2200 K228DH 93.5 MN Owatonna 52

## February 1999

- 22 TR**
- 1100 K214DF 90.7 MN Golden Valley (Mpls)  
KLOV Xltr 11

## March 1999

- 26 MB**
- 1049 KWGB 97.9 KS Colby

## April 1999

- 15 TR**
- 1202 KKJR 106.9 MN Hutchinson "The Flame"  
(ex 107.1) 52

## 27 TR

- 2100 K296ER 107.1 MN Mankato  
(KLJY 104.5 Xltr)  
58

- 2214 K231AC 94.1 MN New Ulm 67

## FROM PROSIT (ALBORN), MINN.

## January 1999

- 16 TR**
- 0125 WKQH104.9 WI Marathon  
"K rock" (don't have distances)
- 0130 WBUM104.3 MI Baraga
- April 1999
- 18 TR
- 1701 KKJR 106.9 MN Hutchinson "The Flame"  
(ex 107.1)

## May 1999

- 9 TR**
- 2315 KKZY 95.5 MN Bemidji stunting "KZY-FM"
- 15 Es**
- 0855 CKUA 93.7 AB Calgary +67kHz SCA
- 0901 CJSI 88.9 AB Calgary
- 0931 CJAY 92.1 AB Calgary

## 23 Es

- 1742 WOGK 93.7 FL Ocala
- 1752 WPZM 93.3 TN Tullahoma
- 1755 WCOS 97.5 SC Columbia
- 1800 WFSQ 90.5 FL Tallahassee
- 1801 WLWI 92.3 AL Montgomery
- 1806 WPBH 94.5 FL Parker  
"beach 94.5"
- 1809 WTVY 94.5 AL Dothan
- 1817 WPGG 93.3 AL Evergreen
- 1820 WINL 98.5 AL Linden
- 1821 WAYS 99.1 GA Macon
- 1829 unid 102.1 "The Eagle" (Any help on  
this one???)
- 1829 WAGP 88.7 SC Beaufort "the light"
- 1900 WSMR 89.1 FL Sarasota "life fm"
- 1906 WBVM 90.5 FL Tampa
- 1915 WMJY 93.7 MS Biloxi "magic 93.7"
- 1934 WFXJ 95.1 AL Prattville
- 1936 WSHF 99.3 FL Mexico Beach
- 1938 WRQO 102.1 MS Monticello "Q 102"
- 1940 WTBT 103.5 FL Bradenton  
"Gulf Thunder 103.5"
- 1943 WRBQ 104.7 FL Tampa  
"Q 105" k(ountry)
- 1951 WEBZ 93.5 FL Port St Joe
- 1954 WPCV 97.5 FL Winter Haven
- 1958 WBRH 90.3 LA Baton Rouge
- 1959 WPAE 89.7 MS Centerville
- 2001 WRNO 99.5 LA New Orleans
- 2003 WRBH 88.3 LA New Orleans
- 2030 WYFK 89.5 GA Columbus
- 2100 WGTG 89.5 AL Dothan



End of report. My mileage chart is at the cabin & I didn't write the mileage down before I left there. Hope that this comes through in a somewhat readable format. (Looked good, John! - grc) Regards from John Ebeling.



## WTFDA 1999 CONVENTION Northwestern New Jersey

Hope to see you there!!

**CHARLES BERNTH - P.O. BOX 236 - EASTPORT, NEW YORK**

Equipment: Pioneer car radio, Internet: cbernth@banet.net

**MAY 1999 DX**

**6 TR**  
1400 WMSJ 89.3 ME Freeport "Joy 89.3" rel

**21 TR**  
1128 WMFQ 92.9 FL Ocala "Q92.9"  
1144 WWRM 94.9 FL Tampa "Warm 94.9"

1050  
1152 WPLA 93.3 FL Callahan "Planet radio"  
1201 WBBK 93.1 GA Blakeley "BBK" 943  
1210 WKSJ 94.9 AL Mobile "KSJ" 1094  
1232 WTYS 94.1 FL Marianna calls 988

**KITN 93.5 FM**  
Your #1 Fun Station!

**SAUL CHERNOS - 57 BERKELEY ST - TORONTO, ONTARIO CANADA M5A 2W5**

Internet: schernos@torfree.net (416) 364-0725

**OCTOBER 1998 DX****5 TR (DOWNTOWN TORONTO)**

0100 LP106.3 ON Toronto, Toronto Sun dispatch, very low power, rp music \$

**11 TR (BURNT RIVER)**

0027 CBPO 88.9 ON Parry Sound Weather Radio Canada TIS

2026 CIRA 91.3 PQ Montreal FF  
2314 WUNY 89.5 NY Utica "Classic FM"  
2327 WHWK 98.1 NY Binghamton

**17 TR (TORONTO BLUFFS)**

0053 WJSL 90.3 NY Houghton g w/CJBC!  
0054 WCOT 90.9 NY Jamestown g  
0100 WNBQ 92.3 PA Mansfield  
"104-5 The Buzz" rp

0115 CBO 103.3 ON Ottawa CBC \$

**NOVEMBER 1998 DX****11 TR (BURNT RIVER)**

2230 CBCM 89.7 ON Penetanguishene (ex-107.5) mono

**15 TR (TORONTO)**

0005 CBLA- 90.5 ON Crystal Beach \$ (testing with music)

0018 CFLZ 105.1 ON Niagara Falls TIS (91.9 still on)

0115 CBCM 89.7 ON Penetanguishene (ex-107.5) mono

**30 TR (TORONTO - AURORA WEST)**

0125 CKNR 94.1 ON Elliot Lake (CBL very briefly off)

**FEBRUARY 1999 DX****2 TR (TORONTO - DOWNTOWN)**

1730 TIS 91.7 ON Toronto "91.7 FM Auto City Radio" Rich &amp; Parl

KRIE'S NEW MUSIC LEADER

**30-THE DAY FM****21 ES CONT**

1235 unid 93.5 "Classic Rock 93 1/2"  
1240 WTMI 93.1 FL Miami local concert schedule 1114

**25 GW**

unID 90.7 Spanish music & tik. Mentioned Springfield several times. Is there a pirate operating in Springfield, MA?  
(Charles, there is actually a licensed 90.7 in Springfield, WTCC. Perhaps an area member can let us know if they run Spanish? - gc)

**27 ES**

1050 KSDR 92.9 SD Watertown "KS-93"  
1059 KFSI 92.9 MN Rochester gospel 1034  
1110 KITN 93.5 MN Worthington "Today's BestCountry"  
1130 KKYA 93.1 SD Yankton ads 1276

**FEB 5 TR (TORONTO - EAST END RT 401)**

2145 PIR 90.7 ON Pickering "The Puke 104.9" (mocking Nuke 90.7)

**8 TR (TORONTO - DUFFERIN)**

2058 WKBN 98.9 OH Youngstown "The New Mix 98.9"

2106 WSTI 96.9 MI Lexington 60s-80s pop

2125 WZLE 104.9 OH Lorain "104.9 Today's Christian Mx"

2126 WGRT 102.3 MI Port Huron r

2133 WCLV 95.5 OH Cleveland c

2144 WJMI 105.7 OH Cleveland

2149 WNWV 107.3 OH Elyria "Smooth Jazz 107-3 The Wave"

**MARCH 1999 DX****12 TR (TORONTO - EAST END RT 401)**

2230 PIR 104.9 ON Pickering (The Nuke but no ID) White's Rd /The Project 420-9466

**17 TR (TORONTO - CENTRAL, THEN****BLUFFS)**

1939 LP 89.9 ON Toronto Glendon College, celtic and rock

2130 WASH 105.5 NY Brockport g "WASH 1590 Bpt, WRSB 1310 Canandg)

**APRIL 1999 DX****2 TR (TORONTO - BLUFFS)**

1332 WLTV 94.3 NY Elmira "94 Rock" pr

1400 WERG 89.9 PA Erie pr

"Energy FM 90"

1414 WVBR 93.5 NY Ithaca pr

1417 — 91.7 Bombers Baseball

**10 TR (BURNT RIVER)**

0730 TIS 91.7 ON Balsam Lake B.L. Provincial Park) very low pwr

**12 TR (TORONTO - BLUFFS)**

1515 W214BB 90.7 NY Lockport //88.3 WCOU g

**MAY 1999 DX****3 TR (TORONTO - DOWNTOWN)****MAY 4 TR (TORONTO - DOWNTOWN)**

2100 CHOW 91.7 ON Welland testing with k (ex-1470)

**23 TR (BURNT RIVER)**

1630 CHOW 91.7 ON Welland k "Spirit 91.7" (ex-1470)

**23 ES (BURNT RIVER)**

1852 KDYN 96.7 AR Ozark "Dynamite Country Radio"

1854 KEGL 97.1 TX Fort Worth "The Eagle"

1856 KRXX 107.7 OK Oklahoma City

1903 91.7 India/Middle East music

1907 KNID 96.9 OK Enid

1911 KOMA 92.5 OK Oklahoma City

1914 KJYO 102.7 OK Oklahoma City "KJ-103"

1916 KVPR 95.5 TX Haskell k

1925 KEYB 107.9 OK Altus k

1930 KOSU 91.7 OK Still water

1933 KIXR 100.1 OK Ponca City "Mix-100"

1936 KOLS 95.5 KS Dodge City

1937 KAMX 94.7 TX Luling "Mix 94.7"

1938 KHOK 100.7 KS Hoisington "Eagle"

1940 KBEL 96.7 OK Idabel k

1942 KGGG 94.7 KS Sterling

"Oldies94.7...K-Gold"

1945 KVIL 103.7 TX Highland Park "Light Rock103.7 KVIL"

1946 KTXQ 102.1 TX Fort Worth

1947 KOYN 93.9 TX Paris k

1949 KLTY 94.1 TX Fort Worth

1950 KNQN 89.3 TX Dallas Beyond Bows &amp; Arrows native drumming

1956 KGNZ 88.1 TX Abilene

2008 WRMF 89.3 FL Boynton Beach g-mx

2027 WRMF 97.9 FL Palm Beach

2030 90.5 Soundprint [www.soundprint.org](http://www.soundprint.org)

2036 WQYK 99.5 FL St. Petersburg

2039 KDEA 93.7 LA New Iberia "Cool93.7"

oldies

2053 KETX 92.3 TX Livingston k

2056 WXRG 96.7 MS Gulfport

2058 93.9 WINK g ???

2100 KWQK 107.1 TX Graham k

2015 KAMD 97.1 AR Camden "K-97"

2106 KIVY 92.7 TX Crockett

2019 KCVL 92.3 TX Marshall TX Rangers BB

2110 KGAS 104.3 TX Carthage TX Rangers BB

2114 KBHT 93.5 TX Crockett

2117 KODA 99.1 TX Houston

2118 KIPR 92.3 AR Pine Bluff

2124 KSCN 96.9 TX Pittsburg "New Star

Country 95.9 &amp; 96.9"

2127 KWRW 97.7 TX Rusk



2130 104.7 "K-Lite 104.7"

2132 KYK 98.3 TX Palestine "Kick 98" k  
2133 KRXT 98.5 TX Rockdale g  
2147 KASE 100.7 TX Austin "Case101" k  
2148 WJMI 99.7 MS Jackson "99-Jams"  
2150 KVET 98.1 TX Austin "K-Vet"  
2151 KPEZ 102.3 TX Austin "The Classic Rock



Station"  
2153 95.5 "Q-95, Q-95.5, The Q" rap920-9155 (Saul,KRRQ-LA maybe? - grc)  
2155 KLDE 94.5 TX Houston  
2200 KPFT 90.1 TX Houston "Alternative Radio" show e-mail  
2206 KOUZ 89.9 LA Alexandria  
2227 KKBQ 92.9 TX Pasadena "Q-Country"  
2230 KWTX 97.5 TX Waco  
2234 KVTT 91.7 TX Dallas g  
2239 KLBj 93.7 TX Austin r  
2247 KSWP 90.9 TX Lufkin  
2302 KBJs 90.3 TX Jacksonville  
2304 KVNE 89.5 TX Tyler

**24 ES (BURNT RIVER)**

1131 KCBI 90.9 TX Dallas g-mx  
1143 KBBQ 100.7 AR Fort Smith  
1145 KMEQ 96.7 TX Flower Mound "Memories 96.7"

1147 KOMS 107.3 AR Fort Smith "Big Country 107.3"

1150 KSLZ 107.7 MO St. Louis

1152 KBVA 106.5 AR Bella Vista

1153 KHTT 106.9 OK Muskogee "K-Hits" k

1155 KHTO 106.7 MO Mt Vernon "Hot 106.7"

1201 KJEL 103.7 MO Lebanon

1204 KVOO 98.5 OK Tulsa

1205 KBTN 99.7 MO Neosho

1207 KRIG 104.9 OK Nowata "104.9 The Rig"

1209 KRLK 107.7 MO Stockton "107.7 The Lake" old-k

1212 KRXX 107.7 OK Oklahoma City

1214 KSPI 91.7 OK Stillwater "FM 93.7 The Spy"

1218 WTRL 106.7 MO Mount Sterling "Golden 106.7"

1223 KDKD 95.3 MO Clinton

1225 WKXQ 92.5 IL Rushville

1227 KRBB 97.9 KS Wichita r "B-98"

1230 KDSG 93.9 KS Andover "Power 93.9"

1232 KCCV 92.3 KS Olathe "Life 92

FM...Bott Radio Network"

1233 KZZD 90.7 KS Wichita "Z-91"

1235 KCMW 90.9 MO Warrensburg "Your station for jazz"

1239 KQRC 98.9 KS Leavenworth "Your

concert stn 98.9 The Rock



# SOUTHERN FM DX

John Zondlo - 4009 Driftwood Circle - Yukon, OK 73099  
E-mail: Jpzondlo@aol.com - Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, WV and Mexico

July 1999

 **Doug Smith**  
1385 Old Clarksville Pike - Pleasant View,  
TN 37146-8098  
w9wi@bellsouth.net CDT

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

## 5/9 Tr (local WCVQ off)

2106 **KEIN** 107.9 AR Jonesboro, "K-Fine," local ads 208

## 5/18 Es

1200 **XHGL** 97.7 YU Merida, ads for Super San Francisco & Farmacias Isa, confirmed by Fernando Garcia on phone call to Merida 1079  
1200 **XHMTI** 98.5 YU Merida, "La Comadre"  
1230 **XHBR** 89.9 QR Cozumel, area ads 1099  
1230 **KBNRT** 88.3 TX Brownsville, rel talk in SS  
1230 **KBNLI** 89.9 TX Laredo, //88.3 (#1)

## 5/21 Es

1817 **CBW** 98.3 MB Winnipeg, cultural talk about CRTC 1050  
1821 **KDKK** 97.5 MN Park Rapids, "K-D-Double K" 833  
1825 unID 104.3 MN ??, same mx format as KDKK, either KDKK or KZLT  
2100 **KRCS** 93.1 SD Sturgis, legal ID & "Hot 93.1" 1022

## 2100 unID

95.9 CO? ??, "KZ Country 95.9," & "For our friends in Vail," presume KIDN?

## 2104 KINI

96.1 NE Crookston, call ID 867

## 5/25 Tr

0756 **WBFG** 96.5 TN Parkers Crossroads, legal ID, carries ESPN Radio, all sx 85

## 5/27 Es

1144 **KQSWT** 96.5 WY Rock Springs, "Q96 FM," k  
1151 **KIQZ** 92.7 WY Rawlins, "KIQZ-KRAL(AM)" ID, FM #800 at this location 1139

1200 **KUAD** 99.1 CO Windsor, Longmont ads 1000  
1215 **KMUS** 101.9 WY Burns, "The Moose," ID 999

1230 **KUWZ** 90.5 WY Rock Springs, "Wyoming Public Radio" ID 1242

1230 **KUWR** 91.9 WY Laramie, "Wyoming Public Radio" //90.5 1042

Note#1: Fernando suggested these two might have been from Guatemala. On one hand, I had KIII-3 Corpus Christi at the same time, suggesting south Texas, but on the other hand I did have several mentions of Guatemala on other FM frequencies at the same time. Wish I'd paid more attention!

FM DX Web

32 <http://members.aol.com/fmdxweb>

 **Dan Oetting**  
107 S. Tartan Dr.  
Elkton, MD 21921  
EDT

Harmon-Kardon Citation 23 tuner, Archer 10 element FM yagi @ 12' AGL in attic

Well, as you can see, I've moved. I'm about 40 miles SSW of my old location in Phoenixville PA. I'm in the NE corner of MD. As a matter of fact, I can see the Delaware state line road sign from my kitchen window with binoculars. Because of the distance from my old location, I'm starting over from scratch as far as the station count. Right now I have about 200 stations from Elkton MD. My clearest frequency is 88.7. My location is excellent for DX from the south, but quite poor for signals to the NW to north (I'm on the downslope of a hill facing south). I have had 2 good tropo openings and one minor Es since moving here in late February. Tropo scatter to NC and WV is common. Also, many Tidewater VA stations come in by gw. Here are some of the more interesting catches that I've had. All are new from Elkton.

## 3/10 Tr (EST)

2200 **WBBC** 93.5 VA Blackstone, k, "Bobcat"

## 4/23 Tr

0005 **WAGO** 88.7 NC Snow Hill, g  
2100 **WJLC** 98.3 VA Clarksville, k

## 5/1 Tr

2024 **WHCN** 105.9 CT Hartford, WXJN 105.9 DE off

## 5/12 Tr

0030 **WSMJ** 105.7 VA Richmond, k, "The River"  
0100 **WNDJ** 104.9 VA White Stone, m, "Windy 105"  
0230 **WRDU** 106.1 NC Wilson, rp

0300 **WGRQ** 95.9 VA Colonial Beach, o, "Q-96"  
0830 **WUNC** 91.5 NC Chapel Hill, c, wx

## 5/23 Es (MJE 94.3)

2102 **WQZX** 94.3 AL Greenville, k, "Q-94.3"  
2143 **WRBH** 88.3 LA New Orleans, t

2200 **KRVS** 88.7 LA Lafayette, j

## 5/27 Tr

0930 **WBPP** 104.9 VA Strasburg, k, NJ off

## 5/31 Tr

1910 **WQOK** 97.5 VA South Boston, s, "K-97.5"

## 5/6 Tr

0100 **WRVS** 89.9 NC Elizabeth City, s, s/off, OEL off  
0116 **WYFL** 92.5 NC Henderson, g

0128 **WFLO** 95.7 VA Farmville, m  
0130 All Richmond area stations in solid!


0135 **WPTM** 102.3 NC Roanoke Rapids, k  
0200 **WTRG** 100.7 NC Rocky Mount, o

0207 **WFXK** 104.3 NC Tarboro, s, "Foxy"

## Southern FM DX

0950 WSRV 92.3 VA Deltaville, "Surf 92.3," o

By the way, the 106.3 xltr in Dover DE is a xtr of WXPZ 101.3. It gets out well. Also, WOEL 89.9 is off every Sunday morning Midnight to 7AM. Hope the Es season kicks in soon!

 **Eric Bueneman (N0UIH)** - 631 Coachway Lane -  
Hazelwood, MO 63042-1347 - (314) 839-9751  
(prepaid only) - E-mail: N0UIH-Eric@aol.com -  
<http://members.aol.com/n0uiheric/k-index.html>

CDT

Realistic STA-90, Radio Shack VU-210XR with Archerotor at 33' AGL. Miles/kilometers.

## 2/17 Tr (CST)

2348 **KKID** 95.9 MO Salem, classic r, legal ID through WOLG 90/145

## 2/25 Tr (CST)

0637 **WKXQ** 92.5 IL Rushville, local rx, ads, calls, ACI from WIL 92.3 125/201

0642 **KZZK** 105.9 MO New London, Bob & Tom, promos, calls, AOR, ACI from KPNT 105.7 85/137

## 6/4 Tr

2032 **WGLO** 95.5 IL Pekin, "95.5 GLO," AOR, Peoria ads, local WFUN off 140/225

2055 **WBNQ** 101.5 IL Bloomington, calls, local ads, CHR, over WCIL/KPLA 135/217

2110 **WJVO** 105.5 IL South Jacksonville, calls, k, o/W288AW, ACI from KPNT 105.7 70/113

2350 **WSTQ** 96.1 KY Owensboro, "The New Mix 96 STO," hot AC, ads, ACI from KIHT 96.3 195/314

## 6/5 Tr

0002 **WTRH** 93.3 IL Ramsey, Bible reading, soft Christian mx // WJLY 88.3, thru KNSX 70/113

0023 **WMMC** 105.9 IL Marshall, "Magic 106," hot AC, ACI from KPNT 105.7 155/249

## 6/6 Tr

0010 **KOKX** 95.3 IA Keokuk, "Country 95," k, local WFUN 95.5 off 125/201

0013 **KWKZ** 106.1 MO Charleston, "Pure Country 106.1," ko, w/KOQL 140/225

0105 **WCBF** 102.1 KY Clinton, classic hits, legal ID // WDXR 94.3 160/257

0138 **KIYS** 101.9 AR Jonesboro, "101.9 Kiss FM," CHR, intermittent \$ 200/322

0140 **KKLR** 94.5 MO Poplar Bluff, "Clear 94," k, ACI from KSHE 94.7 145/233

0146 **KJEZ** 95.5 MO Poplar Bluff, "Classic 95.5," classic r, WFUN off 145/233


Was able to catch three new stations in February. KKID 95.9 was finally heard (never heard as KSMO or KMMC from Hazelwood) through

semi-local WOLG with classic rock (unknown if they are programming for the Rolla market). Later

in the month brought WKXQ 92.5 (I did hear this

July 1999

one in the '80s on 96.7) and KZZK 105.9 (carrying the same morning show as KSHE 94.7). An era in St. Louis radio ended on June 4 when WFUN 95.5 signed off it's locally oriented pre-teen format for the last time. Arch Radio is taking over the station, and leasing it to Radio One. A call letter/format change will have taken place by the time you read this. With WFUN off, I was able to pull in WGLO and KJEZ, along with adjacent channel KOKX 95.3. On June 4, WRXX dominated 95.3 and WCRC was in like a local on 95.7. The morning of June 5 brought WTRH 93.3 (for a call letter change, x-WJLY, which is now on 88.3) and WMMC 105.9. Also noted a format change on KWKZ 106.1 (changing from hot k to ko). 73, Eric (N0UIH)

 **Pat Dyer - WA5IYX**  
5315 Silvertip Drive  
San Antonio, TX 78228-2744  
<http://home.swbell.net/pdyer/index.html>  
pdyer3@juno.com CST

Realistic TM-1001 tuner (two IF mod w/150 kHz filters) into Allied 426. 52 ohm step-attenuator box used to reduce local intermod/overload when needed. 6 element Archer antenna at 20' with rotor. 1950's (tube) Narco Omnigator used for most of the navids.

## 8/3/98 Es

1620 **KELO** 92.5 SD Sioux Falls, ID 978  
1623 **KFNW** 97.9 ND Fargo, ID 1215  
1626 **KXRA** 92.7 MN Alexandria, town ID 1150  
1626 **KKCCQ** 96.7 MN Bagley, area ads 1264  
1633 **KQAA** 94.9 SD Aberdeen, ID, "Cool" 1106  
1634 **KBRK** 93.7 SD Brookings, area & local ads 1031

1636 **KBOI** 104.1 MN Pelican Rapids, "Wild Country" 1195

1638 **KSCR** 93.5 MN Benson, area PSAs 1108

1642 **KKOK** 95.7 MN Morris, ID 1125

1645 **KSEZ** 97.9 IA Sioux City, local ad 909

1648 **KJKK** 96.5 MN Fergus Falls, ID 1168

1659 **KRCQ** 102.3 MN Detroit Lakes, k, ID 1208

## 8/4 Es

0844 **WAAG** 94.9 IL Galesburg, local ad 919

0849 **KORB** 93.5 IA Bettendorf, "Planet" 955

0858 **WNER** 90.7 MI Sandusky, WNFA net ID 1295

2009 **WJPD** 92.3 MI Ishpeming, town ID 1321

2018 **WZTR** 95.7 WI Milwaukee, o, local ad 1111

2020 **WZKR** 93.5 MI Hancock, area ad 1244

2022 **WAIR** 92.5 MI Atlanta, area ad 1325

2025 **KQDY** 94.5 ND Bismarck, "KQ Country" 1213

2034 **WKLH** 96.5 WI Milwaukee, "KLH" 1112

2052 **WVKS** 92.5 OH Toledo, regional ad 1183

## 8/6 Es

0942 **WYFL** 92.5 NC Henderson, BBN net 1269

0950 **WXRA** 94.5 NC Eden, area ads 1181

0954 **WTQR** 104.1 NC Winston-Salem, ID 1157

0959 **WRVQ** 94.5 VA Richmond, "Q-94" 1340

### Southern FM DX

1026 WKRR 92.3 NC Asheboro, area ad 1174  
 1028 WYFQ 93.5 NC Wadesboro, ID 1134  
 1029 WFAE 90.7 NC Charlotte, wx 1117  
 1033 WLJA 93.5 GA Ellijay, ID 899  
 1035 WKKT 96.9 NC Statesville, "Cat Country" 1117  
 1035 WXRC 95.7 NC Hickory, ID 1101  
 1037 WFMX 105.7 NC Statesville, ID 1128  
 1039 WESC 92.5 SC Greenville, area ad 1011  
 1042 WTFM 98.5 TN Johnson City, ID 1067  
 1046 WXBQ 96.9 TN Bristol, ID 1067  
 1048 WXLK 92.3 VA Roanoke, "K-92," local ads 1118  
 1049 WPVR 94.9 VA Roanoke, "The Arrow" 1188  
 1053 WMEV 93.9 VA Marion, regional ad 1110  
 1059 WAIN 93.5 KY Columbia, ID 931  
 1100 WRVC 92.7 KY Catlettsburg, ID 1105  
 1107 WXCC 96.5 WV Williamsburg, ID 1095  
 1113 WMXL 94.5 KY Lexington, local ad 1007  
 1119 WTCR 103.3 WV Huntington, ID 1113  
 1121 WPAV 104.1 OH Portsmouth, local ad 1095  
 1122 WZIO 94.9 OH South Webster, area ads 1110  
 1125 WRKA 103.1 KY St. Matthews, ID 956  
 1128 MYS 108.2 KY Mystic, Morse ID-VOR 917  
 1130 ETK 109.6 KY Fort Knox, Morse ID-VOR 929  
 1131 CCI 109.8 KY Central City, Morse ID-VOR 851  
 1133 OWB 108.6 KY Owensboro, Morse ID-VOR 870  
 1134 HNB 109.2 IN Huntingtonburg, Morse ID-VOR 901  
 1136 IPAH 108.5 KY Paducah, Morse ID-ILS 772  
 1138 QOM 110.2 IN Bloomington, Morse ID-ILS 954  
 1146 MTO 109.4 IL Maton, Morse ID-VOR 905  
 1148 DNV 111.0 IL Danville, Morse ID-VOR 973  
 1150 CMI 110.0 IL Champaign, Morse ID-VOR 934  
 1152 MVA 110.4 IL Marion, Morse ID-VOR 794  
 1155 IIKK 109.7 IL Kankakee, Morse ID-ILS 1004  
 1223 WWCT 105.7 IL Peoria, local & area ads 932  
 1224 WBWI 92.5 WI West Bend, area ads 1120  
 1234 WQLH 98.5 WI Green Bay, "QLH"  
 1239 KKMI 93.5 IA Burlington, local & area PSAs 890  
 1242 WDUX 92.7 WI Waupaca, ID 1154  
 1242 WOLX 94.9 WI Baraboo, area & local ads 1084  
 8/16 Es  
 0825 KSTP 94.5 MN Minneapolis, "KS-95" 1118  
 0826 KQRS 92.5 MN Golden Valley, "KQ-92" 1118  
 0856 WTBX 93.9 MN Hibbing, area ads 1273  
 0859 KMFY 96.9 MN Grand Rapids, ID 1260  
 0903 KMXX 94.9 MN Cold Spring, "Mid MN Oldies" 1124  
 0919 KJK 96.5 MN Fergus Falls, "Country 96" 1168  
 0922 KKOK 95.7 MN Morris, ID 1125  
 0925 KELO 92.5 SD Sioux Falls, local ad 978  
 0927 KBOT 104.1 MN Pelican Rapids, "Wild Country" 1195  
 0928 KXRA 92.3 MN Alexandria, "KX-92" 1150  
 0929 KFNV 97.9 ND Fargo, ID 1215  
 0936 KQLX 106.1 ND Lisbon, ID 1174  
 0939 KQAA 94.9 SD Aberdeen, ID, "Cool 95" 1106  
 0942 KSCR 93.5 MN Benson, regional ID 1108  
 0943 KMIT 105.9 SD Mitchell, ID 983  
 A very hefty supply of Es for the late part of the season here. The August 6 VOR/ILS catches

### July 1999

were the best since May 28, with the IPAH path implying an MUF of 129 Mhz for someone. As is usually the case, the ILS "aim" almost matches the bearing to here (IPAH aims 224 deg vs 230 and IIKK aims 219 deg vs 221). 73, Pat - WA5IYX



Gus Mancuso  
 5706 Greenleaf Rd.  
 Cheverly, MD 20785-1112  
 EDT

No DX to report yet. FCC has shut down another FM pirate, "Echos of Salvation," on 87.9, broadcasting from Silver Spring MD in SS (see 5/21 Washington Times). Community Radio on 104.5 in Bryans Road MD is the only pirate left in the area.

If I attend this summer's convention, I will bring a tape of the Twilight Zone episode "What's in the Box," which deals with a mystery TV channel being received in New York City. Those who attended the 1989 convention may recall the episode I showed which had radio DX in the plot. Have moved to a new house in which I am slightly below ground level. Need to put up a roof antenna.



John Zondlo  
 1009 Driftwood Circle  
 Yukon, OK 73099  
 jpzondlo@aol.com  
 CDT

Akai AT-V04 tuner (modified with 2 150 kHz IF filters), Channel Master Stereo Probe 9 antenna. All new.

4/28 Tr  
 2331 KCBI 90.9 TX Dallas, rel, local KOKF off 195  
 2336 KHCT 90.9 KS Hutchinson, Radio Kansas, KOKF off 179

5/9 Tr  
 0935 WXCT 100.7 LA Baton Rouge, k, "Tiger Country" 520

5/14 Tr  
 0947 KKYN 103.9 TX Plainview, local ads, k 243  
 0958 KFLL 95.3 TX Floydada, calls 229  
 1032 KCRM 99.5 TX Lubbock, classic r 268  
 0830 KJRT 88.3 TX Amarillo, rel 230  
 0830 KASV 88.7 TX Borger, // KJRT 207

5/18 Es  
 1300 WFSQ 91.5 FL Tallahassee, ID 857  
 5/28 Es  
 1130 KBHZ 91.9 MN Willmar, "Praise FM" 679  
 1133 CKSB9 89.1 ON Fort Frances, FF 932  
 1135 KKJM 92.9 MN St. Joseph, "Spirit 93" CCM 717

1146 KDOG 96.7 MN North Mankato, local ads 631  
 1149 CILT 96.7 MB Steinbach, "Star 96"

5/29 Es  
 2043 CHAY 93.1 ON Barrie, local ads 1138

6/1 Tr  
 0835 KTFW 92.1 TX Glen Rose, k 226

### Southern FM DX

8/2 Tr  
 0805 KLMN 89.1 TX Amarillo, "Family Life Radio" 230  
 0818 KJCM 100.3 OK Snyder, CCM, new stn  
 0900 KAVO 91.5 TX Borger, ID 207  
 0910 KQTY 106.7 TX Borger 207  
 6/3 Tr  
 0829 KIXO 106.1 OK Sulphur, new freq 81  
 0834 KTGS 89.9 OK Ada, "The Gospel Stn" 79  
 0917 KMAID 102.5 OK Madill, new freq 112  
 0937 KXAR 101.7 AR Hope, s 268  
 =====



From the Editor

Great support for the column this month, folks, despite the lack of Es. As this is being written, Es has been pretty meager around here. Hopefully there will be lots of it coming up to make a great August column. See y'all next month!

### July 1999

## fm/TV WEBSitings

...continued from page 26

### TV WEBSITE SEARCH ENGINES

#### USA TV Online



[www.metronet.com/~chipk/usatv.html](http://www.metronet.com/~chipk/usatv.html)

This is undoubtedly, graphically the best TV search engine on the internet. It currently lists 2743 television stations, searches by state, provides fcc data for each station, and then links to the stations' website.

<http://personal.bellsouth.net/~w9wi>

Our very own Doug Smith, w9wi, maintains his upcoming TV database on the internet at the above url address.

He's designed it so that you can pull up each television channel and see the entire channel list alphabetically by state, listing main power stations first, then lptv's at the bottom of the list.



### The Slack's Dot Com

<http://members.tripod.com/thelack/usvst.html>  
 Here is another search engine that is graphically user-friendly and uses the 'search by state' method. When the page comes up with the state you're searching, it provides a drop down box of all television stations in that state and then links you to that stations' website. You can also link to the networks from this search engine.

<http://www.gebbieinc.com/tvintro.html>

This is another part of the search engine that was mentioned on the FM search engine page. It has direct links to television station internet websites, using the 'search by state'. It does not use the fcc.gov search engine.



The Worldwide  
 TV-FM DX Association

welcomes you to this site

# EASTERN TV DX

Russell Miller  
 HC 61, Box 86B  
 N. Amity, ME 04471-9622  
 email address - estvdx@ainop.com

July, 1999

LOCAL TIME UNLESS OTHERWISE NOTED

Roy Barstow, P.O. Box 2488, Teaticket MA 02536

## May, 1999

09 Tr	2015	W16BC	16 NH	
		W36BK	36 VA	400
		WNCN	17 NC	592
	2100	WUNP	36 NC	533
		WYDO	14 NC	562
11 Es	1400	WEDU	3 FL	1153
	1430	WESH	2 FL	1059
12 Tr	0730	W36BK	36 VA	400
		WRAY	30 NC	565
14 Es	1815	KGAN	2 IA	1091
		WBAY	2 WI	898
	1830	WJMN	3 MI	870
		KIMT	3 IA	1035
16 Tr	0000	CKLT	9 NB	345
		CBHT3	11 NS	279
19 Tr	0135	WNGN	29 NY T	S/Off
Es	1930	WPBT	2 FL	1209
		WCBI	4 MS	1132
	2045	WEDU	3 FL	1153
Ms	2325	WRBL	3 GA	1007
21 Es	1115	WCTV	6 GA	1056
	1145	WKRG	5 AL	1215
	1200	WJXT	4 FL	990
Tr	2310	WXOBLP	14 VA	471
		WYDO	14 NC	562
		WTMW	14 VA	400
		The Military Channel		
	2345	W24BI	24 VA	450
		W45BG	45 VA	456
		WRAY	30 NC	565
		WNCN	17 NC	592
		W18BS	18 VA	450
		WVIR	29 VA	486
		W36BK	36 VA	400
22 Tr	0005	WUNU	31 NC	640
		WLFL	22 NC	600
	0130	W31BG	31 VA	440
	0135	WITF	33 PA T Polish	
	0145	WUNK	25 NC	562
		WUNP	36 NC	533
	0235	WHMC	23 SC	702
		WJPM	33 SC	708
	0245	WRAX	50 NC	600
	0300	WRPX	47 NC	550
Es	1200	WESH	2 FL	1059
	1245	WEDU	3 FL	1153

What's that, you can't afford a rotator or worse yet, the rotor broke and it's free-wheeling! (No, that's not Free Willie, this is no fish story or How The Big One Got Away) this is how to catch that Big Tropo DX.

36

Roy the Boy will fix you up. The object is to control that free-wheeling antenna - all you have to do is to put a tail or a fin on the top back of the antenna - now you have a DX weather vane. It will always point to that tropo DX. With a high pressure system coming your way, the wind will come from that same direction and your weather vane DX antenna will be pointing right at it and DX will pour in.  
 Editor: Great idea Roy! But one question - what do I do with my coax?

Peter J. Giacomelli, KB2DY, 30 Peconic Drive, Massapequa, NY 11758-8317 dypete@aol.com  
 ms933310@nassaulibrary.org  
 Equipment: SONY 13" TV Model No. KV1326R  
 Supplied rabbit ears antenna

## May, 1999

28 Tr	2200	WLNE	6 MA	New Bedford	149
		2210	WJAR	10 RI	Providence 133
31 Es	2035	WPBT	2 FL	Miami	1097
	2030	WEDU	3 FL	Tampa	1015
Tr	2335	WCAU	10 PA	Philadelphia	99
	2215	WHYY	12 DE	Wilmington	126

Russell Miller, HC61, Box 86B, N.Amity, ME 04471

## May, 1999

14 Es	1856	WSMVTV	4 TN		1194
	1859	WKRN	2 TN		1194
	1900	WMCTV	5 TN		1382
	1905	WAVE	3 KY		1057
	1925	WTWO	2 IN		1086
17 Tr	0900	WTFX	29 PA		
Es	0115	WKRN	2 TN		1194
	1724	WTAE	4 PA		718
		KDKA	2 PA		718
	1816	WCBBD	2 SC		1111
	1821	WWAY	3 NC		966
		WTKR	3 VA		771
	2030	Texas heard	6 meters		
Tr	2300	WTFX	29 PA		550
		WHSP	65 NJ		573
18 Tr	0650-0930				
		WUTB	24 MD		637
		WCVETV	23 VA		762
		WMPT	22 MD		649
		WBFF	45 MD		637

Scranton, Wilkes Bare **STRONG**

	WDCATV	20 DC	672
	WVIR	29 VA	769
	WWLF(t)	56 PA	

Comments: I will never again claim bad luck. I installed a 6 meter antenna on May 15, 1999. Less than one hour later I had a quick contact with LU2FFD of Rosario, Argentina. Propagation unknown. No Es on TV detected. So far, on 6 meters I've heard 2 Es to Texas twice. May 26<sup>th</sup>, apparent multi-hop to Canary Islands allowed for two 6 meter contacts. Es to my west allowed me to hear mid-west 6 meter hams contacting Spain and Portugal. May 30 more 6 meter multi-hop Es allowed me QSO's with Spain, Portugal, and France. As this last opening faded, I heard a ham near Roy Barstow's location contacting Spain. Roy may have had Spain etc. TV video buzz on several frequencies. I plain forgot to check for video buzz with all the 6 meter excitement. Also, heard the Greenland 6 meter beacon twice. And last but not least, I had a QSO with Tom Yingling Jr. without even knowing it was him. Just some guy named Tom. Now is the big season to send in your reports. May the Force be with you all, Hi Hi!

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

## April, 1999

21 Tr	0806	WHNO	20 LA		478
		w/CBS This Morning"			
		WVLA	33 LA	local weather	483
	0827	WGNO	26 LA		472
		w/Metarie news			
22 Tr	0815	WGIQ	43 AL		336
		Birmingham area	13/21/33/40/42/	~200	
			44/60		
	0830	WCIQ	7 AL		213

## May, 1999

18 Es	1144	KIII	3 TX	w/local ads	861
		Skip to FM, to southern Mexico			
21 Es	1810	CBWFT	3 MB		1060
		w/news in French			
	1900	KBME	3 ND		997
		w/Prairie Public TV ID			
		Following TBN-produced program on pipe organs ...			
	1954	KWGN	2 CO		1011
		"Denver's WB-2"			
	2030	KRMAT	6 CO		
	2114	KOTA	3 SD	legal ID	1001
22 Es	1028	CITQ	3 ON		864
		w/Kapusksasing ad			
25 Tr	0730	Cincinnati	9/12/48		~230
	0731	WIPX	63 IN		214
		Es also in to channel 2			
26 Es	1117	Briefly into channel 2, maybe ch.3			
27 Tr	0935	WCOV	20 AL	call ID	283
		Es 1001 To Channel 3; Wyoming in on FM			

73, Doug

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071 jimayers@raider.net

## March, 1999

12 Tr	0752	W47BS	47 AL	Religious	119
		(B'ham & Anniston extra-strong)			

## April, 1999

10 Tr	0920	WCBBD	2 SC		271
		strong CCI to local			
	0924	WCSC	5 SC		271
		20 kHz CCI to local			
11 Tr	0819	WBFS	33 FL	ID	599
	0823	WLTV	23 FL	Spanish	598
	0836	WHFT	45 FL	TBN	598
22 Tr	0748	WPMI	15 AL	news	303
23 Tr		WAGA-DT	27 GA	new on-air	
28 Tr	0735	W42AQ	42 GA	//WATC-57	46
		ex-TBN, over local W42BQ...			
		14.2 kW now, up from 822 w.			

## May, 1999

11 Tr	0745	W15AG	15 FL	//WGFL-53	261
	0809	WFXU	57 FL	Fox	243
		audio over local, 20 kHz bars			
	0826	W23AQ	23 FL	TBN	273
21 Tr	0728	W48BH	48 GA	TBN	175
	0730	WGSA-LP	50 GA	UPN	223
	0739	WGSA-LP	38 GA	UPN	222
		Station is changing channels, currently on 38 and 50!			
	0759	W31BS	31 SC		191
		tp //WQHB-63			
	0815	WWMB	21 SC		282
		WRNN-FM simulcast using in-studio video feeds			
22 Tr	0722	WACH	57 SC		186
		completely burying my local WATC			
	0728	W43BS	43 SC		184
		tp //WQHB-63			
23 Es	1948	KWSE	4 ND	Prairie Public	1413
		farthest to date from Atlanta			
	1953	KBME	3 ND	//4	1232
	2023	WDAY	6 ND	calls, #300	1129
	1012:158	KPLO	6 SD	calls	1076
	2305	KXJB	4 ND	calls, KX-4	1147
29 Tr	0826	WTOC	11 GA		211
		strong CCI to local			
30 Tr	0830	WSFX	26 NC	Fox 347	
	0858	WEBA	14 SC		171
		strong CCI to local			

Strongest signals ever seen on xtrs at such distances 11 May and 21 May. Enhanced tropo this spring is infrequent but interesting.

73's Jim

# WESTERN TV-DX

July 1999

**Fernando Garcia**, San Salvador 415, Rincon de la Sierra, Cd Guadalupe, NL, 67181 MEXICO  
ac001984@acnet.net,

FTD is furthest tropo of the day.  
TSLD Total of stations logged on the day.  
Equipment: Sony KV-27EXR15, Screened CM 7dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60' .1800' ASL,

No re-logs in the same month, only tropo 500+ miles.

<b>May 5</b>				CDT
0315	KADN	15 LA	Lafayette	586
	KVHP	29 LA	Lake Charles	530
	KLPB	24 LA	Lafayette	567
	KLTL	18 LA	Lake Charles	548
0330	WVLA	33 LA	Baton Rouge	633
	WUPL	54 LA	Slidell	705
	WLPB	27 LA	Baton Rouge	638
	KLAX	31 LA	Alexandria	618
0345	KLAF-LP	62 LA	Opelousas UPN	600
	K69HD	69 LA	Church Point UPN	586
0615	WGMB	44 LA	Baton Rouge	633
	K56DR	56 LA	Baton Rouge TBN	633
	WMAU	17 MS	Bude	697
	KAJN-LP	40 LA	Lafayette FN	586
<b>May 6</b>				
0700	WTTA	38 FL	St. Petersburg	1116
	WBHS	50 FL	Tampa	1116
<b>May 7</b>				
0515	WHNO	20 LA	New Orleans	688
	WNOL	38 LA	New Orleans	694
	WPXL	49 LA	New Orleans	688
0630	WMAH	19 MS	Biloxi	770
0645	WLAE	32 LA	New Orleans	694
			TSLD:LA(8),MS(1)	
<b>May 8</b>				
0415	KXTX	39 TX	Dallas	518
	KDTX	58 TX	Dallas	518
	KETK	56 TX	Jacksonville	532
	KFXK	51 TX	Longview	557
0430	KFAM-LP	65 LA	Crowley FN	572
	K46DG	46 LA	Lafayette UPN	587
	K46CR	46 LA	Baton Rouge BOX	645
	K49DE	49 LA	New Iberia TBN	596
	KLFT-LP	21 LA	Lafayette BOX	592
			TSLD:LA(19),MS(1),TX(4)	
	FTD	LA	Slidell	705
<b>May 10</b>				
			TSLD:TX(1)	
	FTD	TX	Dallas	518
<b>May 11</b>				
0515	KAMC	28 TX	Lubbock	553
			TSLD:TX(2)	

**Victor Frank**  
12450 Skyline Blvd.  
Woodside, CA 94062-4554  
e-mail frank@horizon.sri.com  
(650)851-7031

<b>May 12</b>				
			TSLD:TX(1)	
	FTD	TX	Dallas	518
<b>May 13</b>				
2200	WGNO	26 LA	New Orleans	694
			TSLD:LA(4)	
<b>May 14</b>				
0530	KACY-LP	24 TX	Houston	420
			SS progr, continuous calls bottom right.	
	FTD	LA	Slidell	705
			TSLD:LA(9),TX(1)	
<b>May 15</b>				
0000	KLPA	25 LA	Alexandria	619
0445	KFWD	52 TX	Fort Worth	522
0500	KDFI	27 TX	Dallas	518
0800	WPMI	15 AL	Mobile	838
			TSLD:LA(13),MS(1),TX(4)	
<b>May 16</b>				
0230	WDBD	40 MS	Jackson	754
0430	KLDT	55 TX	Lake Dallas	544
	KHXS	49 TX	Irving	518
2100	KMSS	33 LA	Shreveport	615
	W65CE	65 LA	Shreveport TBN	615
			TSLD:AL(1),LA(12),MS(2),TX(7)	
	FTD	AL	Mobile	838
<b>May 17</b>				
0345	WAPT	16 MS	Jackson	754
	KASN	38 AR	Pine Bluff	772
	KYPX	42 AR	Little Rock	803
	KUVN-LP	31 TX	Fort Worth UNI	521
0400	KPXN	68 TX	Arlington	518
	KLRT	16 AR	Little Rock	782
	KTXA	21 TX	Fort Worth	518
	KMPX	29 TX	Decatur	537
0630	WXVT	15 MS	Greenville	794
	WIIQ	41 AL	Demopolis	877
0700	KARD	14 LA	West Monroe	659
	WPAN	53 FL	Fort Walton Beach	869
	WHBR	33 FL	Pensacola	838
	WEIQ	42 AL	Mobile	825
2215	WMPV	21 AL	Mobile	842
			TSLD:AL(4),AR(3),FL(2),LA(12),MS(3),TX(11)	
<b>May 20</b>				
	FTD	TX	Dallas	518
			TSLD:TX(1)	
<b>May 21</b>				
	FTD	LA	New Orleans	694
			TSLD:LA(7),TX(5)	
<b>May 22</b>				
0300	K59DG	59 LA	New Orleans TBN	688
1000	KSHV	45 LA	Shreveport	616
	KLTS	24 LA	Shreveport	616
2200	WAFB	9 LA	Baton Rouge	638
			TSLD:AL(1),LA(22),TX(3)	
	FTD	AL	Mobile	838

## Western TV DX F. Garcia's report continues

<b>May 23</b>				
	WXXV	25 MS	Gulfport	764
0100	K66FI	66 LA	Opelousas TBN	599
0115	K52EV	52 LA	Leesville FOX	574
	K67GL	67 LA	Bunkie FOX	614
	K61GO	61 LA	Hicks FOX	581
0130	K51EC	51 LA	Lake Charles TBN	532
	K47DW	47 LA	Alexandria FOX	611
	K55HA	55 LA	New Iberia UPN	596
0615	KLSB	19 TX	Nacogdoches	517
	KFXL-LP	30 TX	Lufkin FOX	515
	KLNM-LP	42 TX	Lufkin A1	520
			TSLD:AL(1),LA(32),MS(4),TX(8)	
	FTD	AL	Mobile	838
<b>May 24</b>				
			TSLD:LA(22),MS(2),TX(1)	
	FTD	MS	Biloxi	770
<b>May 25</b>				
			TSLD:LA(6),MS(1),TX(1)	
	FTD	MS	Biloxi	770
<b>May 26</b>				
0700	W36AC	36 MS	Mccomb TBN	710
			TSLD:AL(1),LA(11),MS(6),TX(2)	
	FTD	AL	Mobile	838
<b>May 29</b>				
			TSLD:TX(1)	
	FTD	TX	Dallas	518
<b>May 30</b>				
			TSLD:TX(3)	
	FTD	TX	Dallas	518
<b>May 31</b>				
0300	K30EA	30 TX	Texarkana TBN	651
0615	KPXJ	21 LA	Minden	640
2030	KAUT	43 OK	Oklahoma City	706
			TSLD:LA(7),OK(1),TX(7)	

Most logged stations for each state.

Calls	City	ST	days
WPMI	Mobile	AL	6
KASN	Pine Bluff	AR	1
KLRT	Little Rock	AR	1
KYPX	Little Rock	AR	1
WBHS	Tampa	FL	1
WHBR	Pensacola	FL	1
WPAN	Fort Walton Beach	FL	1
WTTA	St. Petersburg	FL	1
KADN	Lafayette	LA	14
WMAH	Biloxi	MS	7
KAUT	Oklahoma C.	OK	1
KXTX	Dallas	TX	18

This month was the worst month of May since 1994.  
I hope Summer bring good openings to North Kansas-Missouri.

73's Fernando

**Pat Dyer**, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744

Equipment: 1987 Emerson 872 VCR as tuner into 1994 Keepsafer 9" b&w CCTV monitor; 1973 Archer V-100 antenna and 8-bay bow-tie UHF array at 20' with rotor

<b>May 1999</b>	(all Es)		UTC
20	1929	WSJK	2 TN Sneedville
21	1704	WBAY-	2 WI Green Bay
21	1730	KXMA	2 ND Dickinson
21	1759	KGFE	2 ND Grand Forks
21	1859	KGAN	2 IA Cedar Rapids
21	2035	WTWO	2 IN Terre Haute
21	2049	WJBK-	2 MI Detroit
21	2240	KUSD-	2 SD Vermillion
21	2300	KNOP-	2 NE North Platte
24	0151	KGAN	2 IA Cedar Rapids
24	1539	KOTA-	3 SD Rapid City
24	1555	KTWO-	2 WY Casper
29	1559	KQTV	2 MO St. Joseph
29	1621	WTWO	2 IN Terre Haute
29	1629	WBBM-	2 IL Chicago
29	1644	WCIA	3 IL Champaign
29	1658	WWMT	3 MI Kalamazoo
29	1713	KTVI	2 MO St. Louis
30	1559	WAVE-	3 KY Louisville (xmtr in IN)
30	1619	WSYX	6 OH Columbus
30	1659	KUSD-	2 SD Vermillion
30	1737	KIMT	3 IA Mason City
30	1758	WBAY-	2 WI Green Bay
30	1803	KDLO-	3 SD Florence
31	0141	KUSD-	2 SD Vermillion
31	0546	KIMT	3 IA Mason City
31	1721	WTWO	2 IN Terre Haute

June 10, 1999 (Es)			
1859	WSJK-	2 TN	Sneedville 1012
1907	WCBD	2 SC	Charleston 1141
1911	WAVE-	3 KY	Louisville (IN) 976
1926	WDTN	2 OH	Dayton 1078
1930	WBTV	3 NC	Charlotte 1092
1959	KTVI	2 MO	St. Louis 783
2028	WISC-	3 WI	Madison 1065
2047	KGAN	2 IA	Cedar Rapids 962
2049	WBAY-	2 WI	Green Bay 1184
2057	KTVO	3 MO	Kirksville 839
2114	WSAZ-	3 WV	Huntington 1124
2142	WMAR-	2 MD	Baltimore 1421
2233	KDKA-	2 PA	Pittsburgh 1294

**Jeff Kadet**, K1MOD, Box 20, Macomb, IL 61455

309 833-1809 jkadet@macomb.com

Rx: ICOM R-7100 w/video adapter or Zenith 13" color TV circa 1982 Ants: UHF: 7' screened CM dish up 85' w/RDX Labs pre-amp, .500 hardline Es: vertically polarized CM-1110 up 12' pointed 10° above horizon, Winegard AP-3800 pre-amp, RG-11

**Western TV DX** *Jeff Kadet's report continues*

April 1999		CDT
01 tr	0206 Houston 14, 26, 39, 67	799
	KTAB 32 TX	751
	KLTJ 22 TX	805
	KXLN 45 TX	807
	regular Northern ALs	450+
	WIIQ 41 AL	580
May 1999		
09 tr	1050 KWCV 33 KS	410
11 Es	1844 WCAx 3 VT	951
	1900 WESH 2 FL	956
	1918 WCIV 4 SC	799
	1946 WJXT 4 FL	870
	WJBF 6 GA	681
	1958 WSAV 3 GA	780
	2027 WDIQ 2 AL	660
18 Es	1030 X— 3 shopping	
	unID 2 CB TP w/no ID	
	1235 KIII 3 TX	968
	1244 X— 4+ cartoon	
	1319 XEFC 2 NL	1162
	KPRC 2 TX	799
	CKCK 2 SK	959
	XHPN 3 CI	984
	1334 X— 6 cartoons // ch.4	
	KUAT 6 AZ	1240
	1400 unID 6z female preacher/motivational speaker	
	KMID 2 TX	866
	KPHO 5 AZ	1276
	unID 6- ABC	
	KOCT 6 NM	916
1428	KACV 2 TX	708
	KVOA 4 AZ	1240
1500	KREG 3 CO	886
	KWGN 2 CO	770
1818	WBRZ 2 LA	702
	WWL 4 LA	729
1900	WLBT 3 MS	569
	WDSU 6 LA	
	WEDU 3 FL	1054
	WESH 2 FL	956
	XEFB 2 NL	1162
19	X— 2	
20	1400 WESH 2 FL	95
	1430 WPBT 2 FL	1168
	1500 Cuba 6 TP	1292
	WEDU 3 FL	1054
	1600 WFOR 4 FL	1167
21	1248 X— 2	
	1300 X— 2	
	both zero to each other, 1 w/info in vert. bar	
	1557 XHAGU 2 AG ID slide	1456
	Mexican State #13	
22	1400 XHQRO 2 QR local ads	1355
	2000 CFAP 2 QC	1067
	WABI 5 ME	1137
	WLBZ 2 ME	1154
23	2000 WDIQ 2 AL	660
	2100 WCTV 6 GA	763

2133	WESH 2 FL	956
	WSAV 3 GA	780
	WRBL 3 GA	650
	WCBQ 2 SC	799
	WJXT 4 FL	870
24	1033 WTVH 5 NY	771
	1108 CBCs all the way from ch.2-6 to ne	
	1130 CHRO 5 ON "RO" bottom r of screen	775
27	0926 CFAP 2 QC	1067
28	1400 CKBQ 2 SK	1073
29	1111 XEFE 2 TAMS	1026
	X— 3 "TV AZTECA XHDF TV 13" in vert. bar	
	1135 XEFC 2 NL	1162
	KGBT 4 TX	1070
	1230 KRGV 5 TX	878
	KIII 3 TX	968
	2100 KUTV 2 UT	1015
30	1020 KWGN 2 CO	760
	X— 4	
	1130 X— 4- (I think; hard to tell due to crummy transmitter) "TV AZTECA XHDF TV 13" in vert. bar	
	KRIS 6 TX	962
	2Es 1137 KCBSt 2 CA	1580
	z to KWGN but too much of it; big 6M 2Es signals from LA area	
	Es KMID 2 TX	866
	1139 X— 5+ "XHGC-5" alternating with "TELEVISIA MEXICO D.F." in vert. bar	
	1227 X— 2z "TV AZTECA XHDF TV 13" in vert. bar	
	1300 WEDU 3 FL	1054
	1330 KACV 2 TX	708
	1837 KTVQ 2 MT	966

Fernando is getting the ch. 3 XHDF-13 relay as a semi-local and is going to drive around to try to find it. I think we should get a fund together to help him track down more of my unIDs.

Back 10-15 years ago almost every Mexican would superimpose their call letters on the screen once or twice an hour for up to a minute each. They always used the same generated easy to read text. It has gradually petered out to the point where I do not see any stations doing it anymore. Local ads are about the only way to ID these network relays now.

73, Jeff

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688 Email: doglethorpe@yahoo.com  
Tropo: No relays under 400 miles; no LPTV relays under 200 miles.

Es: Only the most productive day of each week. Plus new loggings.

May 1999		UTC
7 Es	1520 KNAZ 2 AZ Flagstaff	1045
8 tr	1250 KPXL 26TX Uvalde; Pax	419
9 tr	1210 K23EP 23AR El Dorado; KMCT-39	85

**Western TV DX** *D. Oglethorpe's report cont'd*

1323	K36AB 36OK Lawton; OETA	309
14tr	1250 Valley 17, 23	500-513
	2258 Valley 5, 7, 9, 17, 23	
15Es	1528 Pittsburg 2, 4	945
	1617 WJBK 2 MI Detroit	904
16tr	0110 Valley 7, 9, 17, 23, 44	
17tr	1010 WHOA 32AL Montgomery	436
18Es	1355 Miami 2, 4	939
	1610 KNAZ 2 AZ Flagstaff	1045
	1635 WPTV 5 FL West Palm Beach	912
	WTVJ 6 FL Miami	939
	1720 WESH 2 FL Daytona Beach	789
	WUFT 5 FL Gainesville	703
	1810 KCSG 4 UT Cedar City; Pax	1151
	1818 Salt Lake City 2, 5	1160
	1824 KNOP 2 NE North Platte	717
	1850 KPRY 4 SD Pierre; KSFY-13	900
	1900 WJBK 2 MI Detroit	904
	1912 KXMA 2 ND Dickinson	1110
	1950 CKPR 2 ON Thunder Bay; TBT 25	1130
	1957 CHFD 4 ONThunder Bay; TBT 46	1130
	1959 KGAN 2 IA Cedar Rapids	672
	2030 KGFE 2 ND Grand Forks; Prairie	1086
	2100 WBBM 2 IL Chicago	737
	2150 Cuba 2 Test Pattern	
	2329 WDTN 2 OH Dayton	735
	2335 WTTV 4 IN Bloomington	619
	2340 WDIV 4 MI Detroit	904
	2345 WTVW 2 IN Terre Haute	604
19Es	0030 WGRZ 2 NY Buffalo	1091
	0043 CIII4t 4 ON Owen Sound; Global	
24Es	1340 KNOP 2 NE North Platte	717
	1353 KIVV 5 SD Lead; KEVN-7	987
	KDUH 4 NE Scottsbluff	852
	1400 KTWO 2 WY Casper; K2	996
	1425 KTVQ 2 MT Billings	1215
	1450 KGWL 5 WY Lander; KGWC-14	1071
	1457 KGWN 5 WY Cheyenne	859
	1458 KCWC 4 WY Lander; WYPTV	1071
	1520 Salt Lake City 2, 4	1160
	1550 KCSG 4 UT Cedar City(Note # 1)	1151
	1615 KNAZ 2 AZ Flagstaff(Note # 2)	1045
25Es	0145 Guadalajara 2, 4, 5 (Note #3)	1003

**NOTES**

1--KCSG-4 runs some programs that are not carried by Pax. "Andy Griffith" and "Perry Mason" were seen here.

2--KNAZ-2 now relays news from KPNX-12 Phoenix (News 12), but continues to use own logo and IDs.

3--XHGC-4 IDs now have "GDL" below the 4.

4--CKYB-4/CKY-7 MB IDs show a big "5" logo. That is CKY-7's cable channel. Slogan is "Real TV." Thanks to Doug Smith and Tom Bryant for help with this one.

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

May 1999		CDT
4 tr	2209 XHAB 7 TA	505
5 tr	0537 XHFOX 17TA ID'ed CB's	535
	XHOR 14TAmixed SS and EE pgm	505
11 Es	1958 unid SS 4, 5	
16 Es	2102 unid 3 SS audio briefly	
18 Es	1837 WISCI 3 WI	
	1910 WFRVt 5 WI	
	1915 WTMJ 4 WI "TMJ 4"	885
23 Es	2015 unid CBS 4, CBC 5, PBS 3	
	2157 WTVW 4 MI "7 & 4"	1110
29 Es	1159 KLNE 3 NE ID	860
30 Es	0931 XHIT 4 CH supered ID	905
	1130 ABC 4, PBS 3	
	1159 KTVS 3 CO CBS, Newschannel 5	945
	1329 WTKRt 3 VA	
31 Es	1149 unid SS 3-5	
June 1999		
1 Es	1930 KFYR 5 ND ID	1240
	1933 KOTAT 3 SD Home Improvement	
	2058 KSWK 3 KS PBS, 785- area code	760

Mike Cherry, VE7SKA, Box 631 Ganges PO, Salt Spring Is. BC V8K 2W2 CANADA

May 1999		UTC
28 Es	0246 KTVU 2 CA 190 *	
	0258 KCRA 3 CA 190 *	
29 Es	1659 CKCK 2 SK 90 *	

Frank Aden, N7SOK, 4096 Marcia Place, Boise, ID 83704

**May 30, 1999**

Es in pretty strong with muf up to ch. 4, KTVK ch. 3 AZ running sports promo at 5:17 MDT. Nothing yet on ch. 5, local KIVI is running reduced power so ch. 5 right now is clear of QRM. At 6pm got KLNE ch. 3 NE, as of 8:30 pm Es are already gone.

Dennis Park Smith, 3703 Dixon St., Santa Barbara, CA 93105-2419 (805)687-7803

There was no Es observed in May until the last day, May 31, when receiver was turned on at 1303 PDT. Channel 2 only, very jumbled, on indoor whip. Most predominant was a Mexican station; boxing match being promoted. Didn't quite catch an ID at 1430 ("XH 2"). All gone by 1500.

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 Phone: (314) 839-9751 (prepaid only!) E-mail: N0UIHEric@aol.com, WWide Web: http://members.aol.com/n0uiheric/k-index.html

## Western TV DX *E Bueneman's report cont'd*

Equipment: Alaron 12-inch (30 cm) black and white TV, Radio Shack VU-210XR with Archerotor at 33 feet (10 m) above ground level, 540 feet (164 m) above sea level.

All times are CDT, new stations have calls underlined, all distances in miles/km

### June 4, 1999 (trop)

2130 WTHI 10 IN Terre Haute (Grade B) 170/274  
2130 WBAK 38 IN Terre Haute (w/news produced by WTHI-10I) 170/274  
2135 WCIU 26 IL Chicago "The U" (Grade B) 270/435  
2135 WFLD 32 IL Chicago "Fox Chicago" (Grade B) 270/435  
2135 WCPX 38 IL Chicago (mixing w/WBAK) 270/435  
2135 WSNS 44 IL Chicago "Telemundo 44" (Grade B) 270/435  
2137 WPWR 50 IN Gary "UPN 50" (near-local signal) 250/402  
2138 Champaign, IL 3 (Grade B), 15 (near-local signal), 39 150/240  
2139 Urbana, IL 12 (Grade B), 27 (near-local signal) 155/249  
2345 WBUI 23 IL Decatur "WB 23" (ex-WPXU) 110/177

### June 5, 1999 (trop)

0130 Louisville, KY 32, 41 250/402  
0145 WXIN 59 IN Indianapolis "Fox 59" (near-local signal) 240/386  
0150 WWAZ 19 KY Madisonville 190/306  
0200 WEVV 44 IN Evansville "CBS 44" (sign-off) 165/266  
0205 WTVW 7 IN Evansville "Fox 7" (Grade B signal) 165/266

### June 6, 1999 (trop)

0137 KTEJ 19 AR Jonesboro (CBTP) 200/322

After the passage of a storm system on June 4, the FM and TV bands really opened up. A number of stations in Illinois and western Indiana showed up just after 9:00 p.m. on June 4, and the opening continued into June 5, with western Kentucky being added to the mix. The June 6 opening was mostly FM, but a weak KTEJ-19 managed to sneak through with a test pattern. It'll be interesting to see how the DTV signals come in at this location. As far as I know, there are four DTV CPs floating around this market (KSDK-DT 35, KETC-DT 39, KTVI-DT 43 and KMOV-DT 56). W57BS hasn't yet moved to Channel 50 as W50CH yet, and we also expect K21OD to be bumped by WPXS-DT.

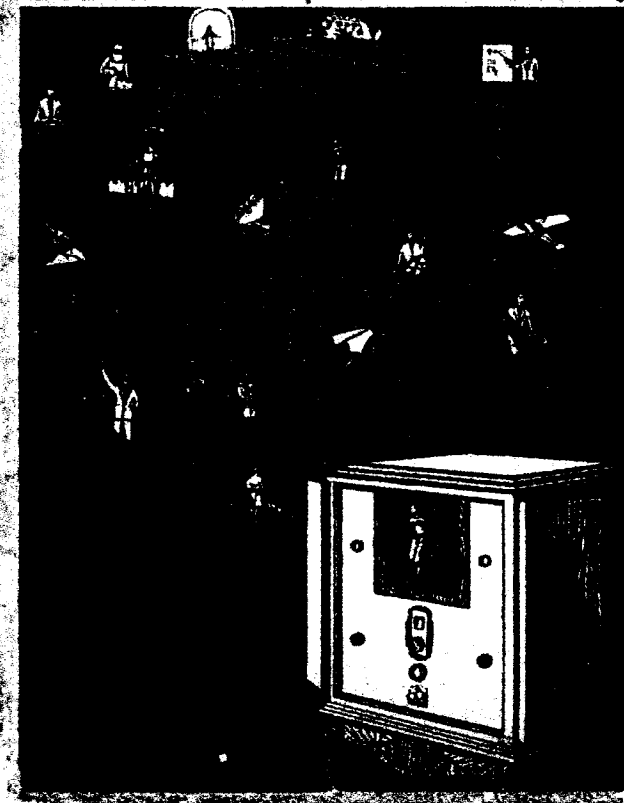
73, Eric (N0UIH)



## 70 years ago!

If the object shown below wasn't such a rare item I doubt that I would have given it the full page treatment. The very idea that a publication called "*The Romance and Reality of Television*" existed in 1930 caught my attention at once. Even more impressive...the cover was printed in color. W1XAV was the Baird scanning disk TV station in Boston. It operated on 2120 kHz video with 500 watts and apparently scanned at both 48 and 60 lines/15 and 20 pictures per second. Audio for this station was broadcast on WEEL-AM radio and the announcer was "Big Brother" Bob Emery...a Boston fixture through the 1950s. Thanks to Jeff Kadet for scanning the material.

# The ROMANCE and REALITY of TELEVISION



MEET YOUR FELLOW  
DX'ERS--  
COME TO  
NEW JERSEY  
THIS MONTH!

